

wbc-inco.net

Co-ordination of Research Policies  
with the Western Balkan Countries



27 - 28  
March 2014  
Vienna

# Towards 2020:

New Horizons for RTD and Innovation in the Western Balkan Region

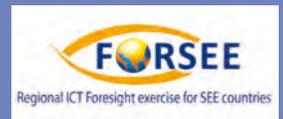
WBC-INCO.NET Final Conference & Brokerage Event

Tech Gate Vienna / Donau-City-Straße 1 / 1220 Vienna / Austria

# PROGRAMME BOOKLET



The conference is supported by:



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# Conference Programme - Overall structure

## Thursday, March 27, 2014

08:00 - 09:00	Registration
09:00 - 09:30	Welcome addresses / Introduction to the conference
09:30 - 10:45	Opening Panel Session: Cooperation on research and innovation in the Western Balkans: main achievements and actions towards 2020
10:45 - 11:15	Coffee break + Project exhibition
11:15 - 12:00	1 <sup>st</sup> Key note speech: "Technology upgrading and RTD challenges in Western Balkan region: issues and policy options"
12:00 - 13:15	1st Panel: Cooperation on Research and Innovation at Regional Level: Creating Synergies
13:15 - 14:15	Lunch + Project exhibition
14:15 - 15:45	Parallel sessions 1+2+3: Thematic Workshops for Enhanced Research and Innovation Cooperation (1) Horizon 2020 - Focus on Inclusive, innovative and reflective societies (2) Horizon 2020 - Focus on Information and Communication Technologies (organised by FORSEE) (3) Horizon 2020 - Focus on Secure, Clean and Efficient Energy (supported by C-Energy Network)
15:45 - 16:15	Coffee break + Project exhibition
16:15 - 16:30	Brokerage event – Opening Session with Presentation of Outcome Actions Identified in Thematic Workshops
16:30 - 19:00	Brokerage event
19:00 - 21:30	Get together reception / Networking

## Friday, March 28, 2014

09:00 - 09:45	2 <sup>nd</sup> Key note speech: "How efforts on research and innovation contribute to economic development and integration into the European Union"
09:45 - 10:45	2 <sup>nd</sup> Panel: Framework Conditions for Research and Innovation Cooperation
10:45 - 11:15	Coffee break + Project exhibition
11:15 - 12:45	Parallel sessions 4+5+6: Improving the Performance of Research and Innovation Sector in WBC – achievements, challenges and the way forward (4) Human resources and brain drain (5) RTDI Infrastructures (6) Knowledge and Technology Transfer
12:45 - 13:45	Lunch + Project exhibition
13:45 - 15:00	3 <sup>rd</sup> Panel How to unlock the Innovation potential in the Western Balkans?
15:00 - 15:15	Conference Conclusions & farewell
15:15 - 16:00	Farewell Coffee & Cake

# Welcome addresses - Introduction to the conference

On 27 and 28 March 2014 the international conference “Towards 2020: New Horizons for RTD and Innovation in the Western Balkan Region” takes place in Vienna. It provides an open forum for science policy makers, scientists and industry representatives from the Western Balkan Region, SEE, Danube Region but also other EU countries who are interested in cooperation with WB countries. The Western Balkan countries (WBC) are an exciting region to work with and in, facing however many internal and external struggles—aspiring EU Membership, improving their governance and policies—with the area of Research and Innovation being only one of them, and often not one of high priority. The scientific performance in the region is for the most part below that of the average EU country. Technology transfer activities are scarce in the region and collaboration with industry tends to be driven by occasional opportunities rather than by strategic, long-term partnerships. However, the past years have seen the association of almost all countries from the region to the 7th EU Framework Programme for Research and Technological Development; more or less active participation in the ERA and its governance; different efforts to improve the mobility of researchers, the exchange of knowledge, etc. Regional cooperation and participation in several support activities have been one way to tackle the challenges. At the “Horizon 2020 Regional Launch Event for Western Balkans” on March 4, 2014 in Budva, Montenegro it was confirmed that the association procedures for Albania, Bosnia and Herzegovina, FYR of Macedonia, Montenegro and Serbia are under way and well on track. This means that these WBC will participate in Horizon 2020 on equal terms like the EU Member States and not as “third countries”.

For all currently open calls, participants from the region and their consortia may prepare proposals as if they are already associated. In line with the aims of the conference – Towards 2020, WBC-INCO.NET final conference intends not only to present and discuss own results, but also

- To debate on results and lessons learned within other RTDI initiatives in/with the region within different panels and parallel sessions. For example, FORSEE Project is organiser of the parallel session on Information and Communication Technologies;
- To offer the opportunity to young researchers, diaspora researchers but also to innovation experts to share and discuss their research results along the axis achievements, challenges and way forward;
- To offer the opportunity to different initiatives to showcase their own results during the 2-day Project exhibition;
- To offer the opportunity to meet potential collaboration partners in individually planned B2B meetings and share new project ideas or own innovation products/services or to discuss more in detail participation in one of the upcoming Horizon 2020 Calls;
- To offer even more practical information and assistance on different aspects of participation in Horizon 2020, a number of NCPs is invited to join the Conference and in particular the Brokerage event.

The conference language is English.

**Thursday, March 27**  
**09:00 - 09:30**  
**Room 1**  
**Multimedia stage**



**Heribert BUCHBAUER**  
**Austrian Federal Ministry for Science, Research and Economy**

Mr. Heribert BUCHBAUER is Director of the Department for International Research Cooperation and Head of Unit for Bilateral Cooperation at the Austrian Federal Ministry of Science, Research and Economy (BMWFW). He is in charge of the co-ordination of bilateral, multilateral and regional initiatives in the fields of science and research and has many years of experience with the preparation and administration of bilateral S&T agreements especially with the Balkan region. He is involved in national and international strategy fora for international STI cooperation like the Austrian strategic working group “Internationalisation and RTI-Foreign Policy” as co-chair, the Strategic Forum for International S&T Cooperation or the macro-regional EU-Strategy for the Danube where he is member of the Steering Group in the priority area “Knowledge Society” and leader of the working group “Coordination of National

Funds within the Danube Region and establishment of a Danube Region Research and Innovation Fund”. During the past years he has been involved in many international joint research activities, especially in the framework of EU-INCO-projects targeting the Balkan region like SEE-ERA.NET, SEE-ERA.NET PLUS and WBC-INCO.NET, where he was responsible for the support of the regional and European dialogue in the region. Building on this experience he now has the co-lead of the work package “Policy Dialogue” of the FP 7 funded project Danube INCO.NET.



**Paraskevi AFENTAKI**  
**GSRT on behalf of Greek EU Council Presidency**

Ms. Paraskevi AFENTAKI is Programme Officer at General Secretariat for Research and Technology (GSRT) – Ministry of Education, Religious Affairs, Culture and Sports in Greece. Her main studies are on European Civilization in the Hellenic Open University of Greece. She was employed by the General Secretariat for Research and Technology in 1992, in the European Union Division / International Scientific & Technological Cooperation Directorate, for the diffusion of the 3rd, 4th and 5th Framework Programmes for RTD to the scientific and research community. Between 1998 - 2006, she was the National Contact Point for TMR, IHP, HRM programmes. Between 2007 - 2009, she was the national representative for programme "PEOPLE". Since 2004 she has been nominated in a number of ERANET, INCONET and OMC-NET projects as programme manager, programme officer and task leader. She has participated in several national and international conferences related to the Framework Programmes as well as in

EXPO 2000 held in Hannover, representing GSRT in the Greek Pavilion for one month. She was also responsible for the bilateral S&T Cooperation with Iran (2001 – 2009) and for the bilateral S&T cooperation with USA in the field of Materials (2011–2013). Since 2011, she is responsible for the project management of the Joint Calls in the Bilateral Relations Division, in the frame of ERANET and ERA-NET PLUS programmes and she supports the Joint Calls as a contact person.



**Tania FRIEDERICHS**  
**European Commission, DG Research and Innovation**

Tania FRIEDERICHS works for the European Commission since 1986. She studied Law in Brussels at the Free University of Brussels and in 1981 she obtained a Master Degree (LLM) at the University of Michigan in the US. Tania first worked on EU trade policy both in Brussels and in Geneva responsible for the multilateral trade negotiations on services in the World Trade Organisation (WTO). Since 2000 Tania is following the EU policy on research and innovation, first in the Cabinet of the then Commissioner responsible for research from 1999 to 2004 and since then in the General-Directorate for Research and Innovation in the Directorate for International Cooperation. She follows closely the cooperation with all the enlargement countries (Turkey and Balkans) on research and innovation. She has followed closely cooperation with the Balkans at bilateral as well as at regional level and notably in the WBC Steering

Platform on research. She also was responsible for the EU brochure on Research Cooperation with the Western Balkans: A tool to facilitate Integration. Tania has been involved in the accession negotiations with Croatia which she now continues to follow as Member State in the context of the European Semester 3% investment in research target. She also conducted successfully the accession negotiations on Chapter 25 with Turkey and Montenegro.



**Ines MARINKOVIC**  
**Centre for Social Innovation – ZSI, Austria**

Ines MARINKOVIC is research associate and project manager at Centre for Social Innovation; since March 2013 she is WBC-INCO.NET project coordinator. She studied International Development, Psychology and Political Sciences at the University of Vienna and has a background in research on human rights and democratic transition and consolidation in WBC, with special focus on (higher) education and youth. She speaks fluently Bosnian/Croatian/Serbian (mother tongue). During the last few years, she acquired expertise in monitoring and evaluation, S&T and innovation policy analysis, communication and dissemination management and quality assurance through involvement in different research projects in the region. Besides WBC-INCO.NET coordination, she is currently involved in different projects focusing the South East Europe such as EVAL-INNO (Fostering Evaluation Competencies in Research, Technology and Innovation in the SEE Region), and WBCInno (Modernization of WBC universities

through strengthening of structures and services for knowledge transfer, research and innovation). From 2009 until 2013 Ines worked also as a lecturer at the University of Vienna, Institute for International Development. She conducted seminars on political aspects of international development and gave basic courses on scientific research and writing. She also has expertise in gender mainstreaming and diversity and conflict management.

# Opening Panel Session

## Cooperation on research and innovation in the Western Balkans: main achievements and actions towards 2020

Thursday, March 27  
09:30 - 10:45  
Room 1  
Multimedia stage

Moderation: Klaus SCHUCH, Centre for Social Innovation, Austria



Klaus Schuch, born 1963 in Vienna, is expert on techno-globalisation, research and innovation policies, and evaluation in research and technology policy. At present he is strategic research manager and senior scientist at the ZSI (Centre for Social Innovation), Austria. Klaus has earned a PhD from the University of Vienna. Since May 2012, Klaus is also managing director of the Austrian Platform Research and Technology Policy Evaluation and Austrian delegate to the European RTD Evaluation Network. Klaus is and was engaged in a large number of national and international projects. From 2009 to 2012 he was ERAWATCH country correspondent to monitor the Austrian RTI policy and its implementation. In 2007 he was scientific expert of the CREST Working Group on internationalisation in science and technology and in 2012 he was member of the external expert group of the European Commission to advice on the new European RTI-internationalisation strategy. Klaus is also member of the Commission for Development Research at the Austrian Agency for International Cooperation in Education and Research (former Commission of the Austrian Academy of Sciences) and advisor to several Austrian agencies and ministries dealing with research, innovation and technology. Since 2006 Klaus lectures "monitoring and

evaluation" at the Department of Development Studies at the University of Vienna. Previously he was teaching at the Vienna University of Economics and Business and at the University Linz. He is lecturer in several international summer schools and teaches evaluation in the post-graduate SOQUA-course addressing young social scientists.



**Arbjan MAZNIKU**  
Deputy Minister, Ministry  
of Education and Science –  
Albania

Mr. Arbjan MAZNIKU is the Deputy Minister of Education and Sports since October 2013. Previously he was the Executive Director of Agenda Institute, a think-tank in Tirana that undertakes research and analysis on public policies in Albania,

particularly in the fields of good governance, European integration and economic and social development. Prior to taking up this responsibility in January 2008, Arbjan worked for MJAFT! (Enough! in English), Albania's most successful civic movement that grew out of a youth movement. MJAFT seeks to achieve a well-governed Albania with active citizens, strong communities and a positive image in the world. Between 2005 and 2007, Arbjan was Policy Director at MJAFT, and between 2003 and 2005, he was MJAFT's Communications Director. Before joining MJAFT, Arbjan ran the Albanian National Debate Association for three years, coordinating the debate programmes of Albania's universities and high schools. Arbjan holds a Master's degree in Political Communications from the University of Sheffield in the UK and, prior to that, studied journalism at the University of Tirana.



**Ammar MIRAŠČIJA**  
Head of Department for  
Science, Ministry of Civil  
Affairs - Bosnia and  
Herzegovina

Ammar Miraščija was appointed to his current position as Head of Department for Science in the Ministry of Civil Affairs of Bosnia and Herzegovina in 2008. Prior to this, he was Director of the National Contact Point for

EU Framework Programmes in Bosnia and Herzegovina. Since 2006 Ammar Miraščija is the National NCP Coordinator for EU Framework Programmes in Bosnia and Herzegovina, and since 2009 he is also COST CSO member and CNC, and EUREKA HLG member and NPC. Mr. Miraščija was appointed as an observer on behalf of Bosnia and Herzegovina in the JRC Board of Governors. Mr. Miraščija graduated in 1994 from Sarajevo University's Department of Philosophy and Sociology. Thereafter he followed further specialisation studies which took him to the UK, Hungary, Italy, and the USA. He received his MA in Joint European Studies Program from the Centre for Interdisciplinary Post Graduate Studies of Sarajevo University, London School of Economics and Political Science, University of Essex and Bologna University in 2004.

## **Damir JELIČIĆ**

**Senior Advisor at Directorate for Science and Technology,  
Ministry of Science, Education and Sports Ministry of Science  
and Education and Sports – Croatia**

Mr. Damir JELIČIĆ, born in 1953, studied Philosophy and Psychology at the University of Zagreb. Since 1992 he has worked as a senior advisor at the Ministry of Science, Education and Sport in Zagreb in the Directorate for International Cooperation. He is responsible for European cooperation in the field of scientific and technical research (COST) and is a responsible contact person for FP7-INCO. In the past he was in charge of the following programs: TEMPUS – Development of higher education System, EUREKA – European Network for Industrial R&D, and USA-Croatian Joint Research Projects. Between 1988 and 1992 he worked in the position of an advisor at the Department for International Cooperation in Zagreb. He is involved in the SEE-ERA.NET and ERA WESTBALKAN+ projects.



**Mirjana STANKOVIĆ**  
**Head of Unit, Department of  
Science, Ministry of Education  
and Science – FYR of  
Macedonia**

Dr. Mirjana Stankovic currently works at the Ministry of Education and Science of the Republic of Macedonia. She holds a PhD from the Economic Institute, University Ss Cyril and Methodius, Skopje, Macedonia. She is also a holder

of an LL.M. degree in International Intellectual Property Law from the Chicago-Kent College of Law, Illinois Institute of Technology, where she finished first in her class in Spring 2010. She has been a Visiting Scholar at the Sanford School of Public Policy at Duke University, for which she has won the World Bank Robert McNamara fellowship. She is also a recipient of a Centre for International Cooperation and Development (CICOPS) scholarship from the University of Pavia, Italy. Dr. Stankovic has also been a Fulbright Fellow and a Visiting Scholar at Duke University School of Law, researching the legal aspects of technology transfer as a factor for economic growth of developing countries. She already holds an LL.M. in International Business Law granted by the Central European University, Budapest, Hungary.



**Darko PETRUŠIĆ**  
**Deputy Minister, Ministry of  
Science – Montenegro**

Mr. Darko Petrusic was appointed as Deputy Minister of Science in September 2011. He has graduated from the Faculty of Electrical Engineering in Belgrade, Department of Technical Physics, the topic in the field of laser technology. In London he has obtained master

degree in information engineering with praise, and the master thesis was in the field of artificial intelligence. He is accredited architect in information technology with extensive experience in project management. Until September 2009 he worked in

the Government of British Columbia province in Canada, as the advisor to the Minister for Information Technology, for the area of e-governance and business intelligence. For four years he was working at IBM as an accredited architect for information technology, where he was engaged in IBM Center of Excellence, and in 2006 he has received the award for innovative ideas (IBM conference in Vancouver). He successfully led his advisory firm and provided services for provincial government (B.C., Canada), telecommunication, tourist and IT companies. Upon his return to Montenegro in 2009, he worked in the civil service and was actively involved in projects of e-government and of portal and electronic administration, where he himself created one of the first electronic service in the Montenegrin public administration. He is also engaged as an assistant on the lectures in the field of information technology at the University of Mediterranean, Podgorica.



**Radomir ŽIKIĆ**  
**Deputy Minister, Ministry  
of Education, Science and  
Technological Development –  
Serbia**

Radomir Žikić was born in Bor, Serbia in 1968. He finished high school in Bor and graduated in 1994 at the Faculty of Physics. He received his MA in 1998 and Ph.D. in 2001, also at the Faculty of Physics, University of

Belgrade. Dr Radomir Žikić works at Institute of Physics, Zemun since 1994. In the period from 2005 to 2007 he was research associate at the Oak Ridge National Laboratory, USA. Dr Žikić was the coordinator of the FP7 collaborative project in the field of nanotechnology NANODNASEQUENCING as well as several national research projects. Currently he is assistant minister for European Integration in the Ministry of Education, Science and Technological Development in Serbia. He is married and has two children.



**Murteza OSDAUTAJ,**  
**Director of Department for  
Science and Technology,  
Ministry of Education, Science  
and Technology – Kosovo\*<sup>1</sup>**

Mr. Murteza OSDAUTAJ is Director of Department for Science and Technology at the Ministry of Education, Science and Technology in Kosovo since 2007. He works also as a lecturer at AAB University College and Public University of Prizren. In 2006 he earned his PhD in Philosophy from the University of Pristina.

<sup>1</sup> Kosovo\*: This designation is without prejudice to positions on status, and is in line with UNSCR 1244 and the ICJ Opinion on the Kosovo declaration of independence.

# Overall programme

Thursday, March 27, 2014	
08:00 - 09:00	<b>Registration</b> (Tech Gate, Vienna)
09:00 - 09:30	<b>Welcome addresses / Introduction to the conference</b> (Room 1 – Multimedia stage)  Heribert BUCHBAUER, Austrian Federal Ministry for Science, Research and Economy Paraskevi AFENTAKI, GSRT on behalf of Greek EU Council Presidency Tania FRIEDERICHS, EC DG Research and Innovation Ines MARINKOVIC, Centre for Social Innovation, Austria
09:30 - 10:45	<b>Opening Panel Session</b> <b>Cooperation on research and innovation in the Western Balkans: main achievements and actions towards 2020</b> (Room 1 – Multimedia stage)  <b>Moderation:</b> Klaus SCHUCH, Centre for Social Innovation, Austria <b>Panellists:</b> Arbjan MAZNIKU, Deputy Minister, Ministry of Education and Science – Albania Ammar MIRAŠČIJA, Head of Department for Science, Ministry of Civil Affairs - Bosnia and Herzegovina Damir JELIČIĆ, Senior Advisor at Directorate for Science and Technology, Ministry of Science, Education and Sports Ministry of Science and Education and Sports – Croatia Mirjana STANKOVIĆ; Head of Unit, Department of Science, Ministry of Education and Science – FYR of Macedonia Darko PETRUŠIĆ, Deputy Minister, Ministry of Science – Montenegro Radomir ŽIKIĆ, Deputy Minister, Ministry of Education, Science and Technological Development – Serbia Murteza OSDAUTAJ, Director of Department for Science and Technology, Ministry of Education, Science and Technology – Kosovo* Kosovo*: This designation is without prejudice to positions on status, and is in line with UNSCR 1244 and the ICJ Opinion on the Kosovo declaration of independence.
10:45 - 11:15	Coffee break + Project exhibition
11:15 - 12:00	<b>1<sup>st</sup> Key note speech</b> (Room 1 – Multimedia stage)  “Technology upgrading and RTD challenges in Western Balkan region: issues and policy options” Slavo RADOSEVIC, UCL School of Slavonic and East European Studies (SSEES), UK
12:00 - 13:15	<b>1<sup>st</sup> Panel</b> <b>Cooperation on Research and Innovation at Regional Level: Creating Synergies</b> (Room 1 – Multimedia stage)  <b>Moderation:</b> Alma HASANOVIĆ, Ministry of Civil Affairs - Bosnia and Herzegovina <b>Panellists:</b> Dusan VUJOVIĆ, Independent Expert, USA; World Bank Consultant on the Western Balkans Regional Innovation Strategy Mladen DRAGAŠEVIĆ, Regional Cooperation Council Miroslav VESKOVIĆ, University of Novi Sad, Serbia Jadranka ŠVARC, Ivo Pilar Institute, Croatia Despina ANASTASIADOU, University of Patras, Greece
13:15 - 14:15	Lunch + Project exhibition

14:15 - 15:45	<p><b>Parallel sessions 1+2+3</b>  <b>Thematic Workshops for Enhanced Research and Innovation Cooperation</b></p>
	<p><b>Horizon 2020</b>  <b>Focus on Inclusive, innovative and reflective societies</b>  (Room 1)</p> <p><b>Chair:</b> Viktor NEDOVIĆ University Belgrade, Serbia  <b>Discussant:</b> Ana S. TRBOVICH, Faculty of Economics, Finance and Administration - FEFA, Belgrade, Serbia  <b>Speakers</b>  Jasmina OPARDIJA, Regional Research Promotion Programme in the Western Balkans  Laura ROMAN, Technopolis, Belgium  Lejla SOMUN-KROPALIJA, University Sarajevo, Human Rights Center, Bosnia and Herzegovina  Vedran DŽIHIC, University of Vienna, Austria  Eleni TSIPOURI, National Kapodistrian University of Athens, Greece</p>
	<p><b>Horizon 2020</b>  <b>Focus on Information and Communication Technologies</b>  <b>(organised by FORSEE)</b>  (Room 2)</p> <p><b>Chair:</b> Djuro KUTLACA, Mihajlo Pupin Institute, Serbia  <b>Discussant:</b> Erich PREM, Eutema, Austria  <b>Speakers</b>  Gabriel NEAGU, National Institute for Research and Development in Informatics, Romania  Todor YALAMOV, Applied Research and Communications Fund, Bulgaria  Nikos ZAHARIS, South-East European Research Centre, Greece  Tatyana LYADNOVA, Belarusian Institute of System Analysis and Information Support of Scientific and Technical Sphere, Belarus</p>
	<p><b>Horizon 2020</b>  <b>Focus on Secure, Clean and Efficient Energy</b>  <b>(supported by C-Energy Network)</b>  (Room 3)</p> <p><b>Chair:</b> Nikola VUJOSEVIC, Directorate for Development of SMEs, Montenegro  <b>Discussant:</b> Piotr SWIATEK, C+Energy Network, Germany  <b>Speakers</b>  Dragoslava STOILJKOVIĆ, University of Belgrade; Serbia  Dorian FRIEDEN, Joanneum Research, Austria  Semin PETROVIĆ, IGT – Research and development Centre of Gas Technology, Bosnia and Herzegovina  Neven DUIĆ, Power Engineering and Energy Management Chair, University of Zagreb, Croatia</p>
15:45 - 16:15	Coffee break + Project exhibition
16:15 - 16:30	<p><b>Brokerage event –</b>  <b>Opening Session with Presentation of Outcome Actions Identified in Thematic Workshops</b>  (Room 1 – Multimedia stage)</p> <p><b>Presented by Discussants from the Thematic Workshops</b>  <b>(Societies)</b> : Ana S. TRBOVICH, Faculty of Economics, Finance and Administration - FEFA, Belgrade, Serbia  <b>(ICT):</b> Erich PREM, Eutema, Austria  <b>(Energy):</b> Piotr SWIATEK, C+Energy Network, Germany</p>
16:30 - 19:00	<p><b>Brokerage event</b>  (in cooperation with FFG, EEN and ICT-KOSEU)</p> <p>(Sky – stage)  Secure, Clean and Efficient Energy  Information and Communication Technologies (organised by FORSEE)  Inclusive, innovative and reflective societies  Spreading Excellence and Widening Participation + Other topics of interest</p>

19:00 - 21:30	Get together reception / Networking (Sky stage) With guest appearance of the Austrian band “Novi Sad”
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## Friday, March 28, 2014

09:00 - 09:45	<p><b>2<sup>nd</sup> Key note speech</b> (Room 1 – Multimedia stage)</p> <p>“How efforts on research and innovation contribute to economic development and integration into the European Union” Peter POLAJNAR, EC DG Enlargement</p>
09:45 - 10:45	<p><b>2<sup>nd</sup> Panel</b> <b>Framework Conditions for Research and Innovation Cooperation</b> <b>Moderation:</b> Elke DALL, Centre for Social Innovation, Austria <b>Panellists:</b> Matthias HACK, Federal Ministry of Education and Research – Germany Tania FRIEDERICHS, EC DG Research and Innovation Zygmunt KRASINSKI, European Association of Research Managers and Administrators (EARMA)</p>
10:45 - 11:15	Coffee break + Project exhibition
11:15 - 12:45	<p><b>Parallel sessions 4+5+6</b> <b>Improving the Performance of Research and Innovation Sector in WBC – achievements, challenges and the way forward</b></p> <p><b>Human resources and brain drain</b> (Room 1)</p> <p><b>Chair:</b> Violeta ATANASOVSKA, Ministry of Education and Science – FYR of Macedonia <b>Discussant:</b> Mirjana STANKOVIĆ; Ministry of Education and Science – FYR of Macedonia <b>Speakers</b> Ines SUH; World University Service – WUS, Austria Dukagjin Pupovci; Kosovo Education Centre – KEC Kristijan RISTIĆ, Union University Belgrade; Serbia Martin Felix GAJDUSEK, Centre for Social Innovation, Austria Snezana KRSTIĆ, Marie Curie Alumni Association</p> <p><b>RTDI Infrastructures</b> (Room 2)</p> <p><b>Chair:</b> Davor KOZMUS, Ministry of Education, Science, Culture and Sport, Slovenia <b>Discussant:</b> Monique BOSSI, APRE, Italy <b>Speakers</b> Roberto GOTTER; ELETTRA Trieste, Italy George BONAS, Centre for Regional and International STI Studies and Support – CeRISS, Greece Radomir ZIKIC, Ministry of Education, Science and Technological Development, Serbia (tbc) Giorgio ROSSO-CICOGNA, Central European Initiative</p> <p><b>Knowledge and Technology Transfer</b> (Room 3)</p> <p><b>Chair:</b> Ljiljana BELADA, Directorate for Development of SMEs, Montenegro <b>Discussant:</b> Vesna MANDIĆ, University of Kragujevac, Serbia <b>Speakers</b> Jonathan LOEFFLER, Steinbeis Eva BARTLMÄ; Vienna University of Technology, Austria Bratislav STANKOVIC, University for Information Science &amp; Technology “St. Paul the Apostle”, FYR of Macedonia Nikos ZAHARIS, SEERC, Greece</p>
12:45 - 13:45	Lunch + Project exhibition

13:45 - 15:00	<p><b>3<sup>rd</sup> Panel</b>  <b>How to unlock the Innovation potential in the Western Balkans?</b>  (Room 1 – Multimedia stage)</p> <p><b>Moderation:</b> Ralf HANATSCHEK, International Bureau of the Federal Ministry of Education and Research at the German Aerospace Centre</p> <p><b>Panellists:</b>  Ales GNAMUS, EC JRC IPTS  Mark KNELL, Nordic Institute for Studies in Innovation, Research and Education, Norway  Djuro KUTLACA, Mihajlo Pupin Institute, Serbia  Kujtime STEFANI, Ministry of Economy, Trade and Energy, Albania  Jadranka ŠVARC, Ivo Pilar Institute, Croatia</p>
15:00 - 15:15	<p><b>Conference Conclusions &amp; farewell</b>  (Room 1 – Multimedia stage)</p> <p>Elke DALL, Centre for Social Innovation, Austria  Ines MARINKOVIC, Centre for Social Innovation, Austria  Tania FRIEDERICHS, EC DG Research and Innovation</p>
15:15 - 16:00	Farewell Coffee & Cake

# FIRST KEY NOTE SPEECH

## "Technology upgrading and RTD challenges in Western Balkan region: issues and policy options"

Thursday, March 27  
11:15 - 12:00  
Room 1  
Multimedia stage

In the post-socialist period the Western Balkan countries have effectively followed economic strategy shared by the EU new member states. Institutional convergence to the EU was followed as result of political wish for the EU integration. This in turn led to integration of their product and services markets through EU association agreements and CEFTA as well as to capital mobility through large – scale FDI inflows. The outcome of the pre-2008 development model was somewhat disappointing (Becker et al, 2010<sup>1</sup>). A very rapid and unsustainable real appreciation of exchange rates during first decade of 21st century has weakened their competitive position. The extreme credit growth and sharp fall in real interest rates led to current account deficits which in turn led to fast-rising external debt. The trade balance deteriorated continuously before the 2008 crisis. Finally, the composition of FDI became heavily biased (as in Baltic States) in favour of banking, real estate and other local market seeking sectors. The overall outcome turned out to be much less catching-up and much more 'spurt' in economic growth i.e short period of high growth which eventually exhaust itself due to limited technology upgrading, institutional reforms and restructuring (Rodrik, 2005<sup>2</sup>). This period culminated in deindustrialization and weak tradable sector whose processes have started immediately in transition period and in the case of Western Balkans was deeper due to war destructions. Industrial upgrading and innovation driven growth has emerged as a new policy concern. In addition, there is growing realization that structural reforms as standalone supply side policies are not able to generate 'catch-up'. A move away from exclusive focus on structural reforms has opened a variety of policy dilemmas. First, a room for Keynesian or quantitative easing type policies are quite constrained in the WB countries. Also, 'Big push' policies in infrastructure (energy, transport) at regional level are not (yet) feasible for a myriad of political reasons. So, it seems that the EU accession is 'the only game in town' despite warning that 'the benefits of EU integration for countries that are catching up are not and cannot be unqualified, but are conditional on the quality of national policies and the EU framework itself' (Becker et al, 2010). In this presentation I will explore what are the opportunities and challenges in deploying RTD policy as one of levers of growth? When exploring this issue it is important to recognise that there are structural differences between low, middle and high income countries. This recognition is at the core of New Structural Economics (Lin, 2012<sup>3</sup>) which contains strong lessons for the WB region. Hence, I want to explore whether current policies are fit for purpose i.e are they differentiating between countries or are they dominated by 'the best practice policies'? Are Western Balkan innovation policies conducive to their industrial and technology upgrading?



**Slavo RADOSEVIC**  
**UCL School of Slavonic**  
**and East European Studies**  
**(SSEES), UK**

Slavo Radosevic is Professor of Industry and Innovation Studies at University College London and director of the School of Slavonic and East European Studies (SSEES). He is also research professor at Halle Institute for Economic Research. He has

worked at SPRU University of Sussex (1993-1999), as researcher at Institute of Economics Zagreb (1998-1990), as Federal Secretary for Development in the last SFRY Government (1990-91) and as head of department (assistant minister) in Croatia (1985-1987). His research interests are in the area of science, technology, industrial change and foreign direct investments in countries of central and eastern Europe and he continues to be involved in international projects in this area. Prof Radosevic has published extensively in international journals on issues of innovation policy and innovation in CEE and has edited several books in this area. He is author of *International Technology Transfer and Catch up in Economic Development*, Edward Elgar, 1999. He is acting as

an expert for the various DGs of the European Commission, as consultant to UNESCO, OECD, UN ECE, UNIDO, World Bank and Asian Development Bank as well as to several CEE governments. Recent publications

- Radosevic Slavo and Esin Yoruk, 'Entrepreneurial propensity of innovation systems: theory, methodology and evidence', *Research Policy*, 42 (2013) 1015–1038
- 'Innovation Policy Studies Between Theory and Practice: A Literature Review Based Analysis', *STI Policy Review*, Vol. 3, No 1, 2012, pp. 1-45 <http://stipolicyreview.net/>
- (with W. McDowall, P.Ekins, and Le-yin Zhang), *The development of wind power in China, Europe and the US: how have policies and innovation system activities co-evolved?*, *Technology Analysis and Strategic Management*, 2013, Vol. 25, No. 2, 163–185,
- Kravtsova, V. and Radosevic, S. (2011) *Are systems of innovation in Eastern Europe efficient?* *Economic Systems* (2011), doi:10.1016/j.ecosys.2011.04.005
- 'Science-Industry Links in CEE and CIS: Conventional Policy Wisdom Facing Reality', *Science and Public Policy*, June 2011, Vol. 38, No. 5: p365-378
- Radosevic Slavo and Anna Kaderabkova (eds) (2011) *Challenges for European Innovation Policy: Cohesion and Excellence from a Schumpeterian Perspective*, Edward Elgar, Cheltenham

1 Becker et al (2010) *Whither growth in central and eastern Europe? Policy lessons for an integrated Europe*, Bruegel Blueprint Series, Brussels.

2 Rodrik, Dani (2005) *Growth Strategies*, handbook of Economic Growth, Edited by P. Aghion and S. Durlauf, Elsevier.

3 Justin Yifu Lin (2012) 'New Structural Economics. A Framework for Rethinking Development and Policy', World Bank

# 1<sup>st</sup> Panel

## Cooperation on Research and Innovation at Regional Level: Creating Synergies

Thursday, March 27  
12:00 - 13:15  
Room 1  
Multimedia stage

**Moderation: Alma HASANOVIĆ, Ministry of Civil Affairs - Bosnia and Herzegovina**



Alma Hasanović works at the Ministry of Civil Affairs of Bosnia and Herzegovina as an Advisor for European Integration and International Relations in Science. She holds Master's degree on Democracy and Human Rights in SEE, University of Sarajevo and University of Bologna, and BA in Philosophy and Sociology, University of Sarajevo. Alma worked as a Programme coordinator for the Inter-University Centre on Security Studies of Bosnia and Herzegovina, Junior expert for the EU project on Public administration reform in the education sector in B&H, as well as a TV Journalist for Open Broadcasting Network Bosnia and Herzegovina.



**Dušan VUJOVIĆ**  
**Independent Expert, USA; World Bank Consultant on the Western Balkans Regional Innovation Strategy**

Mr. Dušan VUJOVIĆ is Professor of economics at FEFA – Faculty of Economic, Finance and Administration, Belgrade; Research Fellow at CASE, Warsaw; consultant (World Bank, USAID), and editor in chief of Journal Finansije. He is co-author of three books and author of over 50 articles published in Yugoslav, Croatian, Serbian and foreign journals. He contributed chapters to four books (published by Oxford University Press for the World Bank, North Holland, E. Elgar) and led more than 30 applied research projects on large enterprise restructuring, fiscal and public sector reform, economic growth, innovation and other development and transition issues. He is Serbia representative at the World Bank following democratic changes in 2000, has managed World Bank Ukraine program, and co-Directed the Joint Vienna Institute comprehensive program for government officials from transition economies, and he

directed Yugoslav macro-modelling project. He holds M.A. (Cost-Benefit Analysis) and Ph.D. in Economics (Macro-Economic Modelling) from the University of Belgrade; and post-Doctoral degree from the University of California at Berkeley.

### **Topic: Western Balkans Regional R&D Strategy for Innovation. Growth through Research and Innovation: the Moment for Action**

On October 25, 2013, the ministers responsible for science and education in seven Western Balkans countries - Albania, Bosnia and Herzegovina, Croatia, Kosovo, Former Yugoslav Republic of Macedonia, Montenegro, and Serbia - met in Zagreb, Croatia to sign a declaration endorsing the Western Balkans Regional R&D Strategy for Innovation. This is the first time that countries from the region have developed a common view on how to jointly address the challenges of the research and innovation sector in the region. The Strategy, accompanied by an Action Plan, serves as a framework for a collective effort to recommend policy and institutional reforms, and promote the Western Balkans's most urgent priority of increasing innovation, economic growth and prosperity. It includes a set of policy and institutional reforms that the beneficiary countries believe will increase the impact on the investments in research and innovation in the region. At its core, the document proposes to invest more resources in a more strategic manner to improve the quality of research and innovation and create knowledge-based economies that will generate higher-value-added jobs and stronger growth. The target is to mobilize additional resources from public and private sources, the EU and other stakeholders to reach an average of 1.5% of GDP of Gross R&D expenditures at the regional level by 2020. The Strategy's Action Plan describes the joint investments to be undertaken by the Western Balkan countries. It proposes the creation of the Western Balkans Innovation Strategy Exercise (WISE) facility – a nonprofit organization that will support systematic capacity building, learning and policy improvement in the region. The facility is also expected to design and supervise the implementation of four proposed programs: the research excellence fund program; the networks of

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excellence program; the technology transfer program; and the early-stage start-up program – all to be implemented at the supra-national level. During the Zagreb's signing ceremony, a preliminary consensus on how to implement the agreed Action Plan was achieved, with countries committing to meet bi-annually and identifying Croatia as the host country for the WISE facility, which has agreed to cover for administrative and infrastructure costs for the initial two years at least. Beneficiary countries intend to submit a multi-beneficiary Instrument for Pre-accession Assistance (IPA) project to finance part of the programs while additional EU funds may be sought as well (e.g. the Horizon 2020). Bilateral donors, such as Norway, have also expressed interest in supporting the program. The Regional Cooperation Council plans to make resources available in the context of the implementation of the South-Eastern Europe 2020 Strategy.

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**Mladen DRAGAŠEVIĆ**  
Regional Cooperation Council

After working in different positions in international organisations, such as the UN, Council of Europe and the European Agency for Reconstruction between 2000 and 2003, Mladen Dragasevic held diverse offices in the Montenegrin Ministry of Foreign Affairs. He started out as an assistant of the national coordinator for Stability Pact for SEE in 2003 to latter become Senior Councilor in the Multilateral Department/EU and Council of Europe Sector and then Director of the Directorate for Regional Organisations and Initiatives. After a stopover at the office of the Montenegrin Prime Minister as his foreign policy advisor, Mladen Dragasevic today is the head of the unit "Building Human Capital and Cross-Cutting Issues" within the Regional Cooperation Council. With his first academic degree in English Language and Literature and Italian from the University of Montenegro, Dragasevic decided to continue his studies at the Diplomatic Academy Gavro Vukovic. He completed his academic career with a Master's degree in European Studies

at the University of Bonn in 2006.

## Topic: South East European 2020 Strategy

Recognizing that economic prosperity is essential to long term stability and is a part of the European integration process, the Governments of SEE have adopted an outline of a comprehensive cooperation agenda as a regional response to Europe 2020. During 2011, the Ministers in charge of the Economy adopted the SEE 2020 Vision, laying out the region's growth and development priorities contained in five pillars:

- Integrated growth - through deeper regional trade and investment linkages and policies that are non-discriminatory, transparent and predictable and enhance the flow of goods, investment, services and persons within the region.
- Smart growth - through a commitment to innovate and compete on value-added rather than labour costs in the long run.
- Sustainable growth - through raising the level of private sector competitiveness, entrepreneurship and a commitment to greener and more energy-efficient development.
- Inclusive growth - through skills development, employment creation and labor market participation by all, including vulnerable groups and minorities.
- Governance for growth - through improving the capacity of public administrations to strengthen the rule of law and reduce corruption so as to create a business-friendly environment. Innovation is a cross-cutting way of equipping all sectors of our economy to be more competitive. Innovative economy is what the Western Balkans should aim to bring to European community. It is indeed about turning new ideas into growth, prosperity, jobs and well-being of our citizens. In this area, SEE 2020 builds upon the efforts already invested by the SEE countries in developing the Regional R&D Strategy for Innovation, adopted by the Western Balkans Ministers in charge of science in Zagreb, in October 2013.

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**Miroslav VESKOVIĆ**  
University of Novi Sad, Serbia

Prof. Dr Miroslav Vesković is Rector of the University of Novi Sad and EUSDR PA7 Coordinator, Holder of the Danubius Award 2013, Serbia. Full-professor of Nuclear Physics at the University of Novi Sad, Faculty of Sciences, Vice president of KONUS (Conference of Universities of Serbia), permanent member of

the ISOLDE Collaboration, CERN and member of the European Physics Education Network, Former President of the Serbian Physics Society, Former Vice Rector for Science and International Relations at the University of Novi Sad, Former Dean of the Faculty of Sciences, Former Assistant Minister in the Ministry of Science and Technological Development of the Republic of Serbia, Former president of DRC – Danube Rectors' Conference. There are more

than 140 scientific papers published in international and national journals and international conferences in the field of nuclear physics and ionizing radiation protection. Prof. Veskovic worked on a number of projects funded by provincial, national and European institutions related to the development and promotion of higher education and scientific research (European Commission – DG Research & Innovation, Campus Europae, GTZ, the European Centre for Higher Education-UNESCO-CEPES etc.). Since elected for EUSDR PA7 Coordinator he dedicated significant efforts to the issues highly relevant for the development of knowledge society in the Danube Region: promotion of the platform for Research and Innovation Strategies for Smart Specialisation (RIS3), combating brain drain and supporting brain circulation through more balanced mobility within the Danube Region, networking and cooperation particularly between developed and less favoured regions of the Danube macro region, connecting Universities and research facilities throughout the Danube region, supporting flagship projects of high relevance and impact made to the whole Danube macro region such as DRRIF, DREAM, DANCERS, DANUBIUS and Danube-INCO.NET.

## Topic: Development of the Knowledge Society through Research, Education and Information Technologies - EUSDR PA7 & WB COUNTRIES

The EU Strategy for the Danube Region/EUSDR, is the second EU macro-regional strategy after the EU Strategy for the Baltic Sea Region/EUSBSR. The EU strategy to boost the development of the Danube Region was proposed by the European Commission in December 2010 and endorsed by the European Council in 2011. The strategy seeks to create synergies and coordination between existing policies and initiatives taking place across the Danube Region and thus addresses a wide range of issues divided into 4 pillars and 11 priority areas, from connecting and strengthening the Region to building prosperity and protecting the environment. A major issue facing Europe is the competitiveness of European higher education and research. In recent decades, higher education and research have grown immensely so that today their performance affects the whole society. Besides their obvious economic implications, they also remain imperative for the achievement of social equity, mobility, and cohesion. The overall policy attempts to engage the European Higher Education Area (EHEA) and the European Research Area (ERA) globally by striking a balance between cooperation and competition. The Danube region covers parts of 9 EU countries (Germany, Austria, Hungary, Czech Republic, Slovak Republic, Slovenia, Bulgaria, Romania and Croatia) and 5 non-EU countries (Serbia, Bosnia and Herzegovina, Montenegro, Ukraine and Moldova).

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**Jadranka ŠVARC**  
Ivo Pilar Institute, Croatia

Dr Jadranka Švarc is senior researcher at the Institute of Social Sciences Ivo Pilar, Zagreb. She holds MA in information sciences and PhD in sociology from the University of Zagreb. Her field of scientific interest is the role of science and innovation systems in the socio-economic progress and the knowledge

society. She is the national correspondent for the ERAWATCH and METRIS projects and participant in many others at national and international level. She is reviewer of the several internationally referred journals, national scientific projects and recently of country reports within the ERAWATCH as well as the external Quality Assurance reviewer of the Danube INCO-NET project. Prior to the Institute Pilar she served as the Head of the Technology Department of the Ministry of Science, Education and Sports where she was focused on establishing the national innovation system in Croatia. As an innovation expert she participated in the accession negotiation of Croatia to EU in the field of innovation policy, World Bank project on improving innovation system in Croatia, Croatian National innovation strategy 2013-2020, etc.

## Topic: International research cooperation of WBC with the stress on FP

Researchers from WBC significantly lag behind researchers from EU member states in both intensity of research cooperation and in research mobility. Participation in FP is of critical importance for each country in the regions since research programmes and funding of FP dictate the dynamic and direction of research trajectories of all countries in the region. The most significant barriers to cooperation of researchers from WBC in FP are the Lack of the Project Management Capacities and the EC Bureaucratic barriers. It illustrates that capacity building to administer and to manage projects according to the rules and procedures of the EC is the most critical part of cooperation. The level of national investments in research (between 0.15% and 0.77% of GDP) is insufficient to enable WBC to compete in FP on equal footing with the member states. The different policy measures should be applied to improve the international cooperation of WBC on national and particularly on the regional level.

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**Despina ANASTASIADOU**  
University of Patras, Greece

Dr. Despina Anastasiadou is engaged in coordinating ICT policy development and research activities focused on integrating technological innovation in diverse domains of economic activity, such as the environment, energy, transport, health and culture. Dr. Anastasiadou has a Diploma and Ph.D. degree in

electrical and computer engineering from the University of Patras, in Greece and functions as research coordinator at the Dept. of Electrical Engineering. She co-founded Innovation Academy

in 2011, an advisory organisation specialised in ICT Policy & Innovation management. Dr. Anastasiadou has served as the General Director of the South-eastern Europe Telecommunications & Informatics Research Institute (INA) in the period 2006-2010, after working as the Head of Research and Analysis Unit at INA since 2004. She has also worked as a research engineer at the Research Academic Computer Technology Institute, in Patras (1999-2004) and has lectured at CITY College, the International Department of the University of Sheffield, UK since 2005. Dr. Anastasiadou has authored several scientific papers and served as technical reviewer for International Scientific Journals and Conferences (IEEE, ACM, etc) and as an expert reviewer for the European Commission in FP6 and FP7 programmes. She has functioned as an ICT technical consultant for Southeast Europe Regional Initiatives (incl. Stability Pact, SEE Centre for eGovernance, etc.) and for the International Telecommunications Union (ITU).

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## Topic: Regional Approach in RTDI Agenda Setting – Case study: a Regional Foresight Exercise

The FORSEE initiative builds on the understanding that systematic participatory forward-looking intelligence-gathering exercises are essential when orchestrating actions that accelerate socioeconomic growth. Motivation for SEE regional collaboration is reinforced by the challenges met in the global networked economy and the region's aspiration to participate on equal footing in the European Research Area. Regional Foresight is introduced as a medium-to-long-term vision-building process aimed at present-day decisions and mobilisation of joint actions. The FORSEE has designed a unique Regional Foresight Methodology as a tool for joint policy agenda setting and has provided concrete 'proof of concept' through the implementation of a pilot exercise with participation from 8 countries in the SEE region.

# Parallel sessions 1+2+3

## Thematic Workshops for Enhanced Research and Innovation Cooperation

### (1) Horizon 2020 - Focus on Inclusive, innovative and reflective societies

Thursday, March 27  
14:15 - 15:45  
Room 1  
Multimedia stage

Chair: Viktor NEDOVIĆ, University Belgrade, Serbia



Viktor A. Nedović is a full professor at Department of Food Technology and Biochemistry, Faculty of Agriculture, University of Belgrade. He received B.S. at the Faculty of Agriculture, University of Belgrade, M.Sc. in Biochemical Engineering at the Faculty of Technology and Metallurgy, University of Belgrade, and PhD in Biotechnical Sciences at the Faculty of Agriculture, University of Belgrade, Serbia. He has been coordinating or participating of more than 40 national and international research and networking projects, including FP7, FP6, EUREKA, COST, SEE Transnationals cooperation, Swiss National Science Foundation SCOPES, NATO SPS and TEMPUS projects. As author and co-author he has published around 300 scientific and technical papers, book chapters, and has edited three books for the renowned world scientific publishers (Kluwer and Springer). Prof. Nedović's areas of research include: Immobilized/encapsulated and co-immobilized cell systems; Immobilization/encapsulation techniques and carriers; Food products enriched with encapsulated bioactive molecules; Food ingredients; Food structure; Applied microbiology; Fermentation processes; Bioreactor design; Kinetic of biochemical reactions; Continuous processes. He is founder and president of the Serbian Association of Food Technologists (SAFT) and

coordinator of Serbian National Technology Platform "Food for Life". Besides it, he is a member of numerous national and international professional and scientific organizations, like: The Serbian Society for Microbiology; The Bioencapsulation Research Group (BRG); Serbian Chemical Engineers Society; Section on Food of the European Federation of Chemical Engineering, EFCE; Food Chemistry Division at the European Association for Chemical and Molecular Sciences (EuChem) and many others. In the period of 2007-2011 he served as Assistant Minister in charge of international S&T cooperation and EU integration in the Serbian Ministry of Science (2007-2008), Ministry of Science and Technological Development (2008-2011), and Ministry of Education and Science (2011). His portfolio has comprised the country's association to the EU's Framework Programme 7, integration into European Research Area, development of support measures for the wide involvement of research institutions in FP programmes/projects, National Contact Point's network coordination, international bilateral and multilateral cooperation, EUREKA, COST and other EU programs in Science and Technology, EU integration processes, use of IPA funds in R&D, cooperation with Joint Research Center, UNESCO, IAEA, CERN, etc. He is coauthor of "The Strategy of Scientific and Technological Development of the Republic of Serbia, 2010-2015, Focus and Partnership", and the book "The Development of Serbian Science in the Frame of European Integration" (Zavod za udžbenike and FEFA, Belgrade, 2011). In the period 2011-2013 he served as the President of the Working Group for the Promotion of the International Programmes and Projects with particular focus on FP7 at the Ministry of Education and Science, and starting from the end of 2013 he has been appointed as the Coordinator of Horizon 2020 Working Group at the University of Belgrade.

**Discussant: Ana S. TRBOVICH, Faculty of Economics, Finance and Administration - FEFA, Belgrade, Serbia**



Ana S. Trbovich is Dean and Associate Professor at the Faculty of Economics, Finance and Administration- FEFA in Belgrade, Serbia. She teaches and writes on European Integration, Entrepreneurship and Competitiveness, Strategic and Public Administration Management. She holds a PhD (Fletcher School of Law and Diplomacy), two Masters Degrees (Master of Art in Law and Diplomacy, Fletcher School; Master in Public Administration, Kennedy School of Government, Harvard) and BA (Tufts University, triple-major in Economics, International Relations and French Literature). Specialized in EU policies at L'Institut d'études politiques, France. Dr Trbovich is also Partner at EuroBalkan Advisors (EBA) and manages projects and consults for the private sector and international organizations including EU, OECD, World Bank and USAID. From 2002 to 2006, Dr Trbovich served as Assistant Minister of International Economic Relations, coordinating Serbia's EU accession process and foreign investment policies, and in 2013/14 as Special Advisor to Minister of Economy in charge of entrepreneurship and competitiveness policy. She is the author of "A Legal Geography of Yugoslavia's Disintegration" (Oxford University Press, 2008), "Public Administration and European Integration of Serbia" (FEFA and Institute for Textbooks, 2010),

many articles. Dr Trbovich serves on boards of several business associations in Serbia (Association of Corporate Directors of Serbia, National Alliance for Local Economic Development-NALED, Serbian Association of Economists) and the Belgrade Philharmonic.



**Jasmina OPARDIJA**

**Regional Research Promotion Programme in the Western Balkans**

Ms. Jasmina OPARDIJA is Programme Manager for Regional Research Promotion Programme in the Western Balkans (RRPP) at the University of Fribourg (Switzerland) since 2007. The main responsibilities and tasks include: planning, implementation and monitoring of the three main programme's pillars: (1) provision of research grants; (2) implementation of trainings (methods and thematic colloquia); (3) organisation of networking activities. Other tasks include: financial management, coordination with the donor (Swiss Agency for Development and Cooperation) and relevant regional and international stakeholders; PR activities; reporting, etc. In 2006/2007 she worked for UNDP Bosnia and Herzegovina as Planning Officer within the Rights-based Municipal Development Programme. She graduated in Journalism in 2005 and holds M.A. in East European Studies from the Free University Berlin since 2011.

### **Topic: Social science research in the Western Balkans, challenges and perspectives**

The contribution will rely on the chapter from the joint volume "Stagnation and Drift in the Western Balkans, the Challenges of Political, Economic and Social Change (2013)," and will put into perspective the major obstacles currently undermining the speed of modernization, the development of institutions and human capital and the much-needed internationalization of social science research in the Western Balkans. The author suggests that increases in focused investments, political ambition to transform systems, combined with more transparency and cooperation across party or entity lines, are urgently needed. Considering that the countries in question are in one or another way involved in EU accession processes, timely and serious reforms would enable the region to catch up more easily with the EU and its members states, which are themselves undergoing transformations in their research and education systems".



**Laura ROMAN,**  
**Technopolis, Belgium**

Laura Roman has expertise in analysing European research and innovation policies and programmes. She is currently based in the Brussels office of Technopolis Group. At Technopolis, Laura has been active in the METRIS project on Monitoring Trends in SSH Research, where she was a

country correspondent for Romania and contributed to various policy briefs and synthesis analyses of trends and policies in the field of SSH research across the monitored countries. In addition, Laura has been involved in several analyses of public sector innovation and regional innovation policies. Her latest project is the Regional Innovation Scoreboard 2014 report, where she contributed to the analysis of how the regional research and innovation potential was leveraged with EU funding. Prior to joining

Technopolis, Laura completed a traineeship with the European Commission, working with the Thematic Coordination and Innovation Unit of DG REGIO on fostering research and innovation through structural funds. Previously, Laura worked with the faculty of the Hertie School of Governance in Berlin on research projects in the field of innovative public sector reforms in Germany and EU. Laura studied Business and Economic at the University of Economic Studies in Bucharest and deepened her Economics knowledge during a one-year exchange at the University of Trier in Germany. She obtained her Masters degree in Public Policy from the Hertie School of Governance in Berlin, focusing on Economics, Welfare and Sustainability. Laura is a native Romanian speaker and is fluent in English, has an advanced knowledge of German and is currently improving her French language skills.

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## Topic: European trends in the Social Sciences and the position of the Western Balkan countries

The METRIS project - Monitoring Trends In Social Sciences and Humanities was funded by DG Research and Innovation and covered information for 43 countries in the period of 2011-2013. Based on the findings of the project, finalised in 2013, the presentation will make an overview of the latest trends in the field of Social Sciences research at European level, including the evolution of research performance, funding and international cooperation in the field of Social Sciences. The results of Western Balkan countries will be highlighted in comparison to the European trends, so as to contribute to a better understanding of the landscape of SSH research in the area.

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**Lejla SOMUN-KROPALIJA**  
University Sarajevo, Human Rights Center, Bosnia and Herzegovina

Lejla currently serves as the SERSCIDA Project Coordinator at the Human Rights Centre of the University of Sarajevo. She has over 20 years of experience in research, policy development in social inclusion issues. Since 1996, she had been engaged in

the NGO sector, before an NGO deputy director and now as an activist, particularly as a feminist, on issues of capacity building, policy development working in partnership with NGOs, local authorities and governments in the areas of women's rights, gender equality, the rights of persons with disabilities, social inclusion and

forced migration. She taught academic writing, qualitative research, and gender and nationalism at the University of Sarajevo. Lejla is a peace activist and was also recently Deputy Chairman of the City Council of the City of Sarajevo.

She participated as co-author and coordinator of publications including United Nations Development Program (UNDP) Human Development Reports on Bosnia and Herzegovina since 2000, International Labour Organisation (ILO) Gender and Employment in Bosnia and Herzegovina, World Bank, Poverty Assessment: Bosnia and Herzegovina. She is a member of the Association for women's rights in development (AWID), Alumni Association of St Cross College, Oxford, Autism Society of America and Association for Culture and Art CRVENA. Lejla holds a postgraduate degree in Forced Migration from the University of Oxford, UK and BA degrees in Arabic and Philosophy from the University of Sarajevo. She was born in Sarajevo, Bosnia and Herzegovina on 26 October 1967 and is a single mother of a girl with autism.

## Topic: Social Science Data Archiving in WBC

SERSCIDA is an EU FP7 project that has supported the cooperation and exchange of knowledge between EU countries from the Council of European Social Sciences Data Archives (CESSDA) and the Western Balkan Countries in the field of social science data archiving, 2012-14. Researchers and policy makers have responded with a need for the establishment of a data service that can provide a safe and regulated depository for social science data, as well as enable its use as secondary data in future research. Open data and open access are promoted in order to enable the general public to have access to non-confidential data that is currently unavailable. New Data Archives and Services are being established with EU and CESSDA support in Bosnia and Herzegovina, Croatia and Serbia 2014-15 as the result of this project.

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**Vedran DŽIHIĆ**  
University of Vienna, Austria

Dr. Vedran Džihić is currently Senior Fellow at oip – Austrian Institute for International Affairs, Assistant Professor at the Institute for Political Sciences, University of Vienna, and Co-Director of Center for Advanced Studies, South East Europe. He has been Austrian Marshall

Plan Fellow at the Center for Transatlantic Relations, School of Advanced International Studies, John Hopkins University, Washington D.C. Vedran Džihić is author of 4 monographs and editor/co-editor of further 14 edited volumes/books. He is also author of numerous book chapters, scholarly

articles (in journals like Nationalities Papers, East European Politics and Society, Southeastern Europa, JEMIE, Europe-Asia Studies, L'Europe en formation, Südosteuropa, Foreign Policy in Dialogue, etc), policy papers and op-eds on various topics. Recently, he published a monograph on Bosnia-Herzegovina in German: "Ethnopolitik in Bosnien-Herzegowina: Staat und Gesellschaft in der Krise", Nomos-Verlag, Baden-Baden 2010; co-edited a book in English „Conflict and Memory: Bridging Past and Future in (South East) Europe“ together with Ambassador Wolfgang Petritsch (2010); and co-edited two books in 2012 in cooperation with Brookings Institutions Press and Center for Transatlantic Relations, SAIS, Washington DC: "Unfinished Business. The Western Balkans and the International Community", together with Dan Hamilton, and "Looming Shadows. Migration and Integration at a Time of Upheaval. European and American Perspectives", together with Thomas Schmidinger. Džihić received his MA and PhD with honours from the University of Vienna.

## Topic: Here, there and everywhere - diaspora researchers in the field of SSH

Diaspora from the Western Balkans makes significant financial and material contributions to the region. Besides helping their families at home the societal presence and relevance of diaspora groups in their respective societies is rather limited. The same goes for diaspora researchers. They represent an enormous potential for the region, which so far has been neglected. The presentation will explore the state

of diaspora researchers in the field of SSH, analyze the reasons for weak integration in scientific communities in their countries of origin and outline possible strategies for (re)integration of diaspora researchers in the region.

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**Eleni TSIPOURI, National Kapodistrian University of Athens, Greece**

Prof. Lena Tsiouri is Associate Professor at the University of Athens, Department of Economic Sciences. She is member of the research team of the Centre of Financial Studies, Department of Economic Sciences of the National and Kapodistrian

University of Athens (CFS). She studied Economic Sciences at the Universities of Athens and Vienna, completed her PhD at the University of Paris II and undertook postdoctoral research with a Fulbright Fellowship at MIT, Cambridge, Massachusetts. She teaches European Economic Integration, Economics of Technological Change, Technology Management and Theory of the Firm. Her scientific research focuses on regional development, technological change and corporate governance. She is professionally involved in consulting work for the European Commission, the Committee of the Regions, the OECD and the UN. She is author of numerous scientific articles and policy papers.

### **Topic: „Inclusive innovation - its meaning and consequences for policy making“**

Inclusive innovation (ININ) is a notion that emerged rapidly in the last decade to make headlines in the press and attract the attention of policy makers, the business sector and by now civil society. 'Inclusive Innovation' refers to the knowledge creation, acquisition, absorption and distribution efforts targeted directly at meeting the needs of the low-income or the base-of-the-pyramid (BoP) population. ININ brings a paradigm shift: produce more performance with fewer resources for more people. ININ radically decreases the cost of products thereby enabling the accessibility for masses of consumers. In that sense it is disruptive because it changes the game and relations among stakeholders on a global scale. There is sufficient evidence on how ININ works in practice in India and in some other emerging markets. Examples are to be found in the health sector, communication, energy, water and even transport. ININ starts from the best practice to next practice by developing new goods and services at affordable cost (examples range from the production of IT devices in emerging markets that cost 10 times less than those in developed markets to health solutions which provide equipment for health diagnostics at a cost that is only a fraction of the cost in developed markets). This can be achieved through low labour cost but most importantly large scale production. Inclusive innovation is shifting centre stage now because: 1) it is clear from evidence in developing countries (pioneer India) that it works; 2) there is a huge market of the bottom of the pyramid purchasing power; 3) of the crisis 4) consumers in advanced countries are becoming aware that more is not better and they often pay for functions that they will never use. In terms of policy making for Europe there are important lessons and ideas to be drawn: 1) Production in advanced countries can consider the idea of innovating to lower cost without compromising for quality; 2) The European lower income groups can benefit from inclusive innovation although at a different scale and scope than in developing countries; 3) Prizes and public procurement for inclusive innovation can be designed by innovation policy making.

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## (2) Horizon 2020 - Focus on Information and Communication Technologies (organised by FORSEE)

Thursday, March 27  
14:15 - 15:45  
Room 2

**Chair: Djuro KUTLACA, Mihajlo Pupin Institute, Serbia**



Prof. Đuro Kutlača, PhD. Born in Zagreb, December 16th, 1956. Received B.Sc. degree (5 years studies) in 1980 and M.Sc. in 1986 at the Electrical Engineering Faculty, University of Belgrade. Completed Ph.D. dissertation in 1998 at the Faculty of Organizational Sciences, University of Belgrade. Since 1981 has been a research associate at Mihajlo Pupin Institute, Belgrade, Serbia. Present position: head of S&T Policy Research Center, Scientific Counsellor. Professor at University "Metropolitan", Belgrade, teaching Project and Innovation Management. Visiting researcher at FhG Institut für Systemtechnik und Innovationsforschung, Karlsruhe, Germany (1987; 1991-1992) and at Science Policy Research Unit, University of Sussex, Brighton, UK (1996; 1997; July 2001-October 2002). Former member of NESTI (National Experts for S&T Indicators) group at OECD (1988-1992). During 32 years of research experience, he was a member of research teams in 43 large R&D projects, has published 31 scientific papers, and presented 125 papers at international and national scientific conferences, author of 2 and co-author of 23 books. Specific research subjects of his interest are: (a) S&T and industry development and policy, (b) metrics in S&T and innovation, and (3) Innovation theory and practice.

**Discussant: Erich PREM, Eutema, Austria**



Erich Prem has a degree in informatics and a doctorate in technical sciences from Vienna University of Technology. He was a scientist at the Austrian Research Institute for Artificial Intelligence (OFAI) and at the AI Lab of the Massachusetts Institute of Technology - MIT (USA). He is the author of more than 40 scientific publications. Dr. Prem has worked in many national and international research projects as a scientist or project leader. He was the Head of Unit Information and Communication Technologies at the Bureau for International Research and Technology Co-operation. He also was the Austrian expert in the Information Society Technologies Committee of the EU and the programme manager for the Austrian ICT research program FIT-IT. Erich Prem is an evaluator for IT research of the European Commission. He also is managing director of IEA II Beteiligungen GmbH active in private equity.



**Gabriel NEAGU,  
ICI, Romania**

Neagu Gabriel is currently scientific researcher 1st degree and head of research team in the National R&D Institute for Informatics, Bucharest. He is also vice president of the Scientific Council of this institute. He received his Ph.D. in Applied Informatics at the Faculty of Automatic Control and Computing

Techniques, "Politehnica" University of Bucharest, in 1998. Since 2001 he has been involved as director in 4 national research projects and national representative in 8 European projects. Memberships: IFAC 5.1 Technical Committee (since 1996), European e-Infrastructure Reflection Group (2008-2011), FP7 International Programme Committee for Research Infrastructures, Romanian Society for Automation and Technical Informatics (since 1993), National Committee for Research Infrastructures (2007-2011), National Contact Point for FP7 ICT. He has been reviewer of the European Journal of Operational Research (since 1998), Studies in Informatics and Control (since 1994), International Journal of Grid and Utility Computing (since 2011), Robotics and Computer-Integrated Manufacturing (since 2013). G. Neagu was member the ICT Expert Panel for the National Strategy for Research, Development and Innovation in the period 2014-2020. He is author / co-author of more than 60 published papers and has been IPC member for about 40 International conferences.

Techniques, "Politehnica" University of Bucharest, in 1998. Since 2001 he has been involved as director in 4 national research projects and national representative in 8 European projects. Memberships: IFAC 5.1 Technical Committee (since 1996), European e-Infrastructure Reflection Group (2008-2011), FP7 International Programme Committee for Research Infrastructures, Romanian Society for Automation and Technical Informatics (since

## Topic: Regional Foresight Methodology

The Regional Foresight Methodology employed to identify and agree on mutually beneficial ICT research and innovation priorities is designed to be replicated. The participatory process has led to a focus on DIGITAL CONTENT due to its great cross-border collaboration potential and its cross-cutting nature. This presentation discusses the main features of the developed future image and its expected impact in terms of the economy, research and education, society, and regional collaboration. Also the potential for supporting the Horizon 2020 RDI collaboration is underlined.

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**Nikos ZAHARIS**  
**South East European  
Research Center – SEERC,  
Greece**

Mr. Nikos Zaharis is the Director of South East European Research Center (SEERC). He holds a Diploma from Aristotle University of Thessaloniki in Chemical Engineering, and an MSc degree in Chemical Engineering

from Pennsylvania State University. He has more than 20 years experience as a consultant and manager working for industry as well as public sector organizations on issues ranging from management of innovation to economic and regional development in Greece and in a series of eastern European countries. Mr. Zaharis focuses on research that facilitates the region's sustainable development, building of knowledge capacity and avoidance of brain-drain. His research interests lie with innovation policy, regional development and entrepreneurship. Currently, he is involved in the EUHUB (<http://www.euhub.eu>) initiative and the ICT2B project which aims at transforming European funded ICT research into investment opportunities (FP7/ICT).

## Topic: Current situation, priorities and the future of ICT research in Kosovo\*

As part of the ICT-KOSEU project, the potential for ICT research in Kosovo (UNSC1244) is being explored with the long-term view of Kosovo becoming embedded in the European Research Area (ERA). The capacities and strengths of the local researcher community in ICT are being mapped and strong areas of ICT research in Kosovo are being identified. The ICT research priorities are defined taking into consideration the results of an open consultation process that took place at the first semester of 2013. Finally an ICT Research Roadmap for Kosovo participation in Horizon 2020 is being drawn.

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**Todor YALAMOV**  
**Applied Research and  
Communications Fund,  
Bulgaria**

Todor Yalamov is a social entrepreneur, incubation practitioner and assistant professor in management at Sofia University. He coordinated the Eastern European and Central Asian Network of Business Incubators and Technology Parks

(ECAbit) from 2008 to 2012 and still sits on its Steering Committee. Todor is a reputable innovation and ICT analyst at ARC Fund, who pioneered big data research for broadband coverage analysis, open data integration into public e-government services and supports and facilitates various youth initiatives targeting science communication and entrepreneurship development for primary school students. He is also a member of various consultative councils to the Bulgarian government in the field of ICT and innovation. Todor holds a Master's in Economics and Management from Erasmus Rotterdam University School of Economics and Faculty of Economics and Business Administration at Sofia University, MA in Philosophy and MSc in Mathematics from Sofia University. His PhD research is on scenario planning in ICT.

## Topic: Growing multinationals in SEE: Is mission possible and what role could play H2020?

Typical trajectories of successful and R&D intensive SMEs in SEE would be acquisition by MNE, attracting venture capital with loss of control or sustainable integration into value chains of bigger foreign ecosystems, including through Framework Programmes 5, 6 and 7. However, despite the various spillover effects the ultimate beneficiaries have always thought to be companies outside the SEE. For sometime SEE multinational seemed like an oxymoron, yet I argue that we have such companies both in ICT and non-ICT industries. The presentation builds on a few cases of Bulgarian companies with different background that grew to multinational companies. All of them, although with different intensity, have strong research and development, passionate owners interested in niche markets that grow with the SMEs.

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**Tatyana LYADNOVA**  
**Belarusian Institute of System**  
**Analysis and Information**  
**Support of Scientific and**  
**Technical Sphere, Belarus**

Dr Tatyana Lyadnova, has Ph.D. degree, she is the Corresponding Member of the Belarusian Engineering Academy. She was graduated from the Belarusian State University in Minsk, and Moscow State University in

mathematics and economics. She was a Belarusian representative to the Nord-Trondelag County Administration in Norway. During some years she led the Norwegian representative office in Minsk, being responsible for the creation of different kind of co-operation, including RTD. Starting a work in the Executive Secretariat of the NIS (ES CIS) from 1995, she was a counterpart for the co-ordinator of the European Commission (EC) TACIS project (1995-1997) for the ES NIS. She gained experience and knowledge working with NIS countries within the sphere of information space, participating in the development of different documents, in organizing of numerous meetings of experts and high level officials. She was included in the Policy Group of the G8 Pilot project "Global Marketplace for SMEs", was an observer at the G8-GIP ("Global Inventory Project") Steering Committee, she participated in Idealist-East project. She was a member of the DEEDS project, the follow-up of the G8 Pilot project "Global Marketplace for SMEs". She participated in

TRISTAN-EAST and NIS-NEST projects. She participated in the Idealist34, Idealist7fp projects, in Idealist2011, being a Regional Representative for EECA region within the consortium. She actively worked in SCUBE-ICT and EXTEND projects as WP and task leader. She is Idealist2014 project partner, being the regional representative and sub-task leader, as well as in PICTURE project and EuroRisNet+ project. She is an ICT NCP in Belarus and Research Infrastructure NCP. She is a Head of the International RTDI Cooperation Department in BELISA\*, research coordinator of several national studies.

\*Belarusian Institute of System Analysis and Information Support of Scientific and Technical Sphere (BELISA). BELISA is acting under the State Committee for Science and Technology of the Republic of Belarus (SCST), ranked as a ministry for science, technology and innovation (STI) as a branch research institution providing the SCST with the analytical support and information for developing the state policies in STI. To fulfill its mission, BELISA has been maintaining several national e-resources, e.g. National Register of R&D Projects and data base of international projects, as well as data bases on scientific potential (organizations and experts) and S&T developments, it's carrying out monitoring of the National Innovation Development Programme. At the same time, BELISA is one of the main organizers of international S&T cooperation in the country: it organizes over 20 international events (seminars, conferences, exhibitions, Days of S&T) both in Belarus and abroad annually. BELISA has good contact's network both in the EU and in the EECA.

## **Topic: Ideal-ist Network**

Ideal-ist <http://www.ideal-ist.eu> is the first and unique quality labelled international ICT partner search network with 18 years experience. The network of Ideal-ist consists of 88 national contact points (NCP) in the area of Information and Communications Technologies (ICT). The objective of Ideal-ist is to facilitate the participation of all eligible organisations in the Information & Communication Technologies (ICT) Theme in the FP7 and Horizon 2020 (H2020). Ideal-ist helps proposers to find the most appropriate partners for their ICT proposals through its state-of-the-art partner search service, supporting potential proposers during the whole process from "project idea focusing to successful proposal submission" and also organises brokerage events and maintain collaboration with key players in ICT related field (other initiatives, programmes, networks, professional associations, projects).

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### (3) Horizon 2020 - Focus on Secure, Clean and Efficient Energy (supported by C-Energy Network)

Thursday, March 27  
14:15 - 15:45  
Room 3

**Chair: Nikola VUJOSEVIC, Directorate for Development of SMEs, Montenegro**



Mr Nikola Vujosevic, born in 1963, works at the Directorate for development of small and medium-sized enterprises DDSME since 2006, he is a senior adviser for the institutional support to the SME sector and focuses on the management and implementation of EU projects. He is project manager "Renewable Energies and Energy Efficiency" Montenegro (2007–2012) and involved in operational activities within DDSME, and other working groups according to the requirements and work schedule. 2011- 2013, he was also professionally engaged as a local consultant – researcher in the project EUbuild Energy Efficiency in buildings. He carried out analytics, studies and presentation of the current situation in the field of energy efficiency in Montenegro and identification of the existing instruments and mechanisms (legislations and financial instruments) to support EE RE in Montenegro. Prepared country report EE - RE Support Mechanisms in Montenegro. Furthermore, he was a financial expert in the project Energy Efficiency in Tourism Sector in Montenegro - bilateral project GiZ & CCEE (Montenegrin Centre for EE). He hold a degree as economist from the University of Montenegro and ENSI-Energy Saving International AS Montenegro Financial engineering for energy Efficiency Projects.

**Discussant: Piotr SWIATEK, C+Energy Network, Germany**



Piotr Swiatek, born 1953 in Wroclaw, is a German physicist Polish origin. He got his PhD in Solid State Physics from University of Cologne. 1986-2001 he worked as physicist in Research Centre Juelich, Germany. He was Project Manager of "Fit for Europe" run by European Liaison Office of German Research Organizations KoWi until 2003. "Fit for Europe" was a project supporting Central and Eastern European Countries (CEEC), financed by the "Stifterverband für die Deutsche Wissenschaft" and coordinated by KoWi. The aim of Fit for Europe was to transfer the practical experience of KoWi to the partners in the CEEC, implement measures which will enhance their participation in EU Framework Programmes. 2003-2004 Piotr Swiatek coordinated a "NEST-IDEA"an NCP Network for NEST under the FP6 2004-2008, working for EU Bureau of German Ministry of Education, BMBF.

2004-2008 Piotr Swiatek was a Senior Science Officer at COST (European Cooperation in Science and Technology) in Brussels. COST is one of the longest-running instruments supporting co-operation among scientists and researchers across Europe. COST now has 35 member countries and enables scientists to collaborate in a wide spectrum of activities in research and technology. Currently he works for the Project

Management Agency of Research Centre Juelich in a FP7 National Contact Point Energy. Besides, he carries many educational activities for R&D cooperation with the EU, including lectures at the Cologne University of Applied Sciences.



**Dragoslava STOILJKOVIĆ  
University of Belgrade; Serbia**

Dragoslava Stojiljković is professor at Faculty of Mechanical Engineering, Fuel&Combustion Lab. (FCL) where she works from 1989. The main experimental part of her Ph.D. work was carried out at Energy and Fuels Department, University of Leeds. The research conducted in FCL encompassed the following topics: fuels, combustion processes, renewable energy sources (especially biomass) and environmental protection. She (co-) authored 2 monographs and over 90 bibliographic items. Additionally, she participates in FP7 project: S2BIOM - Delivery of sustainable supply of non-food biomass to support a "resource-efficient" Bioeconomy in Europe. She was the member of bilateral scientific project co-funded by USA DOE, member in international scientific EUREKA projects, coordinator in several domestic scientific projects, member of expert group of Serbian Ministry of Energy, Development and Environmental Protection in several international projects sponsored by EU (National Renewable Energy

Action Plan of the Republic of Serbia, Biomass Action Plan, Road maps on use of renewable energy sources – facilities using biomass for the production of electricity, Biomass survey in Serbia, Biomass Consumption for Energy Purposes in the Energy Community etc). She has the cooperation with international and international research institutions. She is a member of several professional bodies and vice president of Society of Thermal Engineers of Serbia and she was the editor of special numbers of international scientific journal Thermal Science.

Thursday, March 27, 2014

## Topic: Possibilities for cooperation of WBC in energy sector

WBC are vulnerable to energy supply disruptions, especially outside the EU, as well as, due to drought, cold winter, electricity shortage in the region and volatility in energy prices. Development of WBC energy sector is defined through the strategy, targets and activities defined through the cooperation within the Energy Community. The strategy of Energy Community is following the same principle as EU Energy Strategy till 2020. Substantial investments in energy sector of WBC over the coming years will cover the following topics: •) security of energy supply; •) increase of energy efficiency; •) integration of more renewable energy sources (especially, by promotion of more efficient and sustainable biomass) with the intention to fulfill the requirements for climate targets. To overcome the perceived problems in energy sector and to improve regional energy market toward sustainable system it will be necessary: •) to build scientific capacities for multi criteria assessment of sustainable energy policy development and its systematic monitoring and improvement; •) to analyze and define the measures and project which will improve WBC energy network and energy security supply. The future R&D in energy sector will be defined with the intention to fulfill these targets and create the possibilities for strengthening the cooperation with other European research institutions.

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**Dorian FRIEDEN**  
Joanneum Research, Austria

Dorian Frieden has a background in environmental sciences and works in several fields related to climate change and energy including emissions trading, land use, and bioenergy. His work in the area of energy policies and the flexible mechanisms of the Kyoto Protocol form the basis for his involvement in projects related to the cooperation mechanisms of the EU renewable energy directive.

## Topic: Cooperation between the West Balkan and EU countries to stimulate the deployment of renewable energy sources

All of the West Balkan countries have accepted binding RES targets under the Energy Community Treaty for 2020 and the Energy Community is promoting market opening, liberalization and regional cooperation. Countries in the region have developed or are developing National Renewable Energy Action Plans (NREAPs), outlining their plans how to meet the 2020 targets set under the Energy Community Treaty. The (draft) NREAPs show that up to 2020 countries are mainly planning to invest in the renewable energy technologies they are most experienced with and which are regarded as most cost-efficient. This includes, in particular, small and large hydro power. A few countries however have decided to invest in the expansion of wind power (which in several countries may face grid or balancing restrictions) and/or solar heat. So far, there is almost no increase in solar electricity planned. At the same time, many countries have a substantial potential for, e.g., wind and solar energy. Part of the renewable energy potential may be used with support by EU countries at the same time helping EU Member States to achieve their renewable energy targets. Costs and benefits of such cooperation need to be well balanced for all parties. Significant changes to the regional energy markets may result from the construction of two new undersea interconnection lines to Italy, one from Montenegro and one from Albania. Besides enabling the export of electricity from renewable sources, this may also stimulate fossil fuel- based electricity generation. Additional research is needed to assess the consequences of integrating the West Balkans energy system with the EU regarding: •) Socioeconomic effects (e.g. energy prices); •) Environmental effects and the risk of carbon leakage; •) Energy security.

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**Semin PETROVIĆ**  
IGT – Research and  
development Centre of Gas  
Technology, Bosnia and  
Herzegovina

Semin Petrovic was born in 1969 in Bosnia and Herzegovina. He is Master of technical science (energy) and owns a Diploma Engineer degree from University of Sarajevo (Mechanical Engineering Faculty). He has experience from ETH Zuerich and Alstom Power (preparation of Master thesis). Currently he works as a Project Manager at IGT –

R&D Centre of Gas technology, Sarajevo and is a PhD candidate at University Sarajevo (Mechanical Engineering Faculty) in the field of energy. Semin has 18 years of experience on research, development, teaching and consulting in the field of natural gas, energy efficiency and renewable energy sources. He participated in FP6 (renewable energy sources) and FP7 (biomass) projects within University of Sarajevo (Mechanical Engineering and Agriculture Faculty). Among others, he worked for European Commission, Energy Community, EBRD, World Bank, UNDP, USAID, GIZ, and different level of authorities and power utilities in Bosnia and Herzegovina. He has very high level of knowledge of the BiH's and region's energy sector and its institutional and regulatory environment, as well as knowledge of relevant EU legislation on energy and environment.

## Topic: Current State-of-Art of Energy Savings Research and Possible Future Priorities

The main objectives of this presentation are to make an overview of current state-of-art of energy saving research, and to identify the main possible future priorities. For a long time, energy saving was an issue that was not understood to enough extent by both universities and authorities. It was a reason that energy saving research was not present at universities and most of them do not have energy efficiency in their curricula. It could be said that universities have done a small effort in energy saving research and there are a lot of reasons for that. On the other hand, a small number of researchers from other R&D institutions have been involved in the energy efficiency's projects implemented by international institutions. Concluding, the energy saving research should get a common framework at universities and make networking with other research and development institutions and industry in the region.

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**Neven DUIĆ**  
**Power Engineering and Energy Management Chair, University of Zagreb, Croatia**

Prof.dr.sc. Neven Duić is a full professor at the Power Engineering and Energy Management Chair at the Department of Energy, Power Engineering and Environment, Faculty of Mechanical Engineering and Naval Architecture. He is

Croatian national coordinator for researcher's mobility at the Agency for Mobility and EU Programmes, President of a Committee for International projects at the Faculty of Mechanical Engineering and Naval Architecture, Co-ordinator of Croatian participation of 20 international scientific research projects and national representative of Horizon 2020 for ERC/MSCA/FET. Prof. Duić

published over 180 research papers, of which 73 in journals (of which 48 in journals referred in SCI) and 6 in books. He was cited 646 times in Scopus and 394 times in WoS. He gave more than 70 invited and keynote lectures. He successfully led four doctoral students, one of which defended his doctorate at age 27 and has thus become the youngest Doctor of Engineering in Croatia. At the moment he is mentoring 7 doctoral students at FSB. He was a member of the committees for the defense of 6 doctorates, out of which 4 at foreign universities (Aalborg University, University of Limerick, Instituto Superior Tecnico, University of Sarajevo). He has organised several of the series of conferences on Sustainable Development of Energy, Water and Environment Systems and was a member of organising, scientific and programming committees of more than 20 research conferences. His main areas of interests are Energy policy and planning, energy economics, sustainable development policy and resource planning, climate change mitigation, combustion engineering and modelling, research and innovation policy.

## Topic: Issues to solve on the way to sustainable energy systems

The goal to switch energy systems to renewable energy sources is becoming more attractive with fall of investment costs of renewables and volatile prices and political insecurity of fossil fuels. The resources are bountiful, especially wind and solar, while biomass, hydro and geothermal are limited and not found everywhere. Meanwhile, integrating them into current energy systems is proving to be a challenge. The limit of cheap and easy integration for wind is 20% of yearly electricity generation, while a combined wind and solar may reach 30%. Going any further asks for implementation of really free energy markets (involving day ahead, intraday and various reserve and ancillary services markets), and it involves integration between electricity, heat, water and transport systems. The cheapest and simplest way of increasing further the penetration of renewables is integrating power and heat systems through use of district heating (which may be centrally controlled and may have significant heat storage capacity). In countries with low heat demand water supply system may be used to increase the penetration of renewables, by using water at higher potential energy as storage media, or in dry climates desalination and stored water may be used for those purposes, and reversible hydro may be used as balancing technology. Electrification of personal car transport allows not only for huge increase of energy efficiency, but also, electric cars due to low daily use may have excellent demand side management and even storage potential. That will allow reaching 80% renewable in energy system, but the remaining 20% may be more uphill battle. Long haul freight road transport, aviation and ship transport, as well as high temperature industrial processes, cannot be easily electrified. Biomass, if not used for producing electricity and heat, may cover half of those needs, but the rest will have to come from some other technology. The region of Western Balkans is under challenge of liberalization, weaning of coal and setting up the biomass economy in circumstances of high demand in EU.

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# Brokerage event

Opening Session with Presentation of Outcome Actions Identified in Thematic Workshops

**Presented by Discussants from the Thematic Workshops**

(Societies) : Ana S. TRBOVICH, Faculty of Economics, Finance and Administration - FEFA, Belgrade, Serbia  
(ICT): Erich PREM, Eutema, Austria  
(Energy): Piotr SWIATEK, C+Energy Network, Germany

**Thursday, March 27**

**16:15 - 16:30**

**Room 1**

**Multimedia stage**

# Brokerage event

in cooperation with FORSEE, FFG, EEN and ICT-KOSEU

Secure, Clean and Efficient Energy  
Information and Communication Technologies (organised by FORSEE)  
Inclusive, innovative and reflective societies  
Spreading Excellence and Widening Participation“  
+ Other topics of interest

**Thursday, March 27**

**16:30 - 19:00**

**Sky stage**

Friday, March 28, 2014

## 2<sup>nd</sup> Key note speech

"How efforts on research and innovation contribute to economic development and integration into the European Union"

Friday, March 28  
09:00 - 09:45  
Room 1  
Multimedia stage

The Enlargement Strategy 2013-14 committed the European Commission to work on enhanced economic governance in enlargement countries. Recognition that more needs to be done to improve economic policies originates in two facts. Firstly, the EU has changed. The euro crisis has revealed that the Union needs better economic policies and better coordination of national structural reforms. Secondly, none of the Western Balkan countries is yet a functioning market economy nor has the capacity to sustain competitive pressures of the Single market. In order to establish functional markets and increase competitiveness, the countries need to strengthen the reform efforts. Alternatively, the incapacity to improve the economic situation will delay the accession process and worsen the already weak socioeconomic situation.

To help the countries, the Commission has proposed a new process of dialogues on macroeconomic, microeconomic and social reforms. It has entitled the process the new approach to economic governance and linked it with preparations of future projects to be financed from the Instrument for pre-accession assistance (IPA). It is essential for the credibility of the enlargement process that a clear economic development agenda arises from the new approach and becomes a key reference point for domestic and international policymakers and International Financial Institutions.

Research and innovation remains an area where there are no clear cut instructions encoded in the EU law. Therefore, the accession process and the new approach to economic governance will not impose reforms. However, the Commission anticipates that the new emphasis on putting the economics in order and joint work with the countries to promote competitiveness enhancing reforms will have positive impact on research policy. It should improve the bad track record of partial and short lasting reforms, the consequential brain drain from the research sector and mismanagement of research funds. Only when research becomes a stable feature of national reform programmes in the Western Balkans we can be sure that convergence with the EU is sustainable and will continue after the formal accession.



**Peter POLAJNAR**  
EC DG Enlargement

Peter Polajnar works in DG Enlargement of the European Commission as economic desk for Serbia and desk for the negotiating chapter on enterprise and industrial policy. Before taking this position, he coordinated economic reporting for all Western Balkan countries and Turkey and edited the annual progress report. He joined DG Enlargement in 2008, after having worked for two years in DG Enterprise. He started his professional career in the national administration of Slovenia in the department for technological development of the business sector. His recent publications deal with the process of Western Balkan regional cooperation, in particular the implementation of the CEFTA agreement.

Friday, March 28, 2014

## 2<sup>nd</sup> Panel

### Framework Conditions for Research and Innovation Cooperation

Friday, March 28  
09:45 - 10:45  
Room 1  
Multimedia stage

Moderation: Elke DALL, Centre for Social Innovation, Austria



Elke Dall is Head of Unit “Research Policy and Development” and Board Member at the Centre for Social Innovation. She studied Sociology at the University of Vienna and has a background in research on networked organisations, quantitative and qualitative evaluation and in the field of S&T and innovation policy analysis. She started to work with stakeholders in South East Europe in 2004 in the frame of the SEE-ERA.NET project, coordinated the support action for the Steering Platform on Research for the Western Balkan Countries (SEE-SCIENCE.EU) and the WBC-INCO.NET project together with a coordination team from ZSI between 2008 and 2012. Among other activities, Ms. Dall also teaches in several post-graduate and graduate courses, mainly about the EU RTDI funding possibilities and project management, and she is actively involved in RTDI strategy development and policy dialogue with a particular focus on South East Europe. On January 1st, 2014 she started a new project: Danube-INCO.NET – Advancing Research and Innovation in the Danube Region.



**Matthias HACK**  
Federal Ministry of Education and Research – Germany

Dr. Matthias Hack is Head of the division “Cooperation with European Countries, Israel” in the Federal Ministry of Education and Research (BMBF). He served for many years in national and international organization like the German Society for International Cooperation (GIZ) GmbH and the United Nations Development Program (UNDP). In 1991 he joined the German Federal Ministry for Education and Research, where he was in charge of marine and climate research, general policy issues of education and research as well as general policy issues of transport research. In the context of his tasks as division head, he was member of the steering committee of WBC-INCO.NET project and member of the Steering Platform on Research for the Western Balkan Countries.

#### Topic: Germany supports framework conditions for research and innovation in the WBC's

The strategic framework for Research and Innovation in Germany is set by two main strategies: The High-Tech Strategy 2020 for Germany (HTS) and the Strategy for the Internationalization of Science and Research. The new coalition agreement emphasizes the role of research and innovation for the prosperity of the CEE and SEE countries. Germany is engaged as an active partner in several European Network projects addressing the WBC's like SEE-ERA.NET, WBC-INCO.NET, SEE-ERA.NET PLUS and the DANUBE-INCO.NET. With the funding programme “International Cooperation in Education and Research – Central, Eastern and South Eastern European Region (2004 – 2013)” funds were being made available for the preparation of project applications under BMBF funding programmes, within the Seventh Research Framework Programme and other EU programmes.

With the “Ideas competition for the establishment and development of innovative R&D networks with partners in the Danube States” - launched in 2013 - the BMBF is aiming to support German researchers to establish networks with excellent partners in the Danube States. Suitable framework conditions from the German point of view are: • networks of WBC's; • good quality of vocational education and training (VET), higher education (HE) and brain circulation; • sustainable structures for research and innovation; • cooperation along value chains; • regional innovation strategies (RIS) and sustainable funding by using instruments for pre-accession assistance (IPA) and structural funds.

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**Tania FRIEDERICHS**  
**EC DG Research and Innovation**

Tania Friederichs works for the European Commission since 1986. She studied Law in Brussels at the Free University of Brussels and in 1981 she obtained a Master Degree (LLM) at the University of Michigan in the US. Tania first worked on EU trade policy both in Brussels and

in Geneva responsible for the multilateral trade negotiations on services in the World Trade Organisation (WTO). Since 2000 Tania

is following the EU policy on research and innovation, first in the Cabinet of the then Commissioner responsible for research from 1999 to 2004 and since then in the General-Directorate for Research and Innovation in the Directorate for International Cooperation. She follows closely the cooperation with all the enlargement countries (Turkey and Balkans) on research and innovation. She has followed closely cooperation with the Balkans at bilateral as well as at regional level and notably in the WBC Steering Platform on research. She also was responsible for the EU brochure on Research Cooperation with the Western Balkans: A tool to facilitate Integration. Tania has been involved in the accession negotiations with Croatia which she now continues to follow as Member State in the context of the European Semester 3% investment in research target. She also conducted successfully the accession negotiations on Chapter 25 with Turkey and Montenegro.

## **Topic: Framework conditions on and for cooperation on research and innovation**

**Why framework conditions?** To engage effectively in research and innovation, a mix of policy actions is required. It is thus important that, in particular to valorise the results of (costly) research efforts, the right framework conditions are available in the country with whom we invest together in research and innovation.

**What are framework conditions?** In a study on cooperation with China, the OECD distinguishes general framework conditions or macroeconomic conditions such as financial conditions, education and skills, commercialization, knowledge spillovers and linkages and socio-cultural factors (entrepreneurship, attitudes and social capital) and dedicated conditions such as protection of intellectual property rights, standards and innovation. At EU level, the most comprehensive document, encapsulating a mix of framework conditions is the Innovation Union flagship initiative adopted in October 2010, as implemented. For researchers, institutes and innovators from the EU, the reference for the framework conditions is thus easy: the Innovation Union with its 34 commitments. The Europe 2020 Innovation Union Flagship Initiative contains actions to ensure that the result of common R&D or innovation projects reaches the market. In particular, this means: offering equivalent protection of IP; open access to interoperable standards; non-discriminatory public procurement; and, removal of other non-physical barriers to trade, in line with international requirements. Given the EU perspective of all Western Balkan countries, it goes without saying that they should become familiar with the same framework conditions and adopt and or apply them.

**Relevant framework conditions:** Taking into account the above, framework conditions are relevant at three different levels: 1) Making it possible to engage jointly in R&I; 2) Access to finance (including indirect measures/credit guarantee schemes/tax incentives); and 3) Other than strictly speaking conditions related to research and innovation.



**Zygmunt KRASINSKI**  
**European Association of Research Managers and Administrators (EARMA)**

Zygmunt Krasinski (Ph.D.) - graduated in electronics from Warsaw University of Technology, where he started his scientific career as assistant professor. He spent 18 months as a visiting scientist at Nihon University in Tokyo. He was awarded the

Presentation Prize of the IEE of Japan (1994) and Young Scientist Awards of URSI (1990 and 1995). For several years he was involved in the investment banking sector. Currently, he is the Executive Director of the National Contact Point for Research Programmes of the EU (NCP Organization for Horizon 2020) at the Institute of Fundamental Technological Research Polish Academy of Sciences. He has over 9-year experience in the project portfolio management (about 100 projects run under FP5, FP6 and FP7),

including personal co-ordination of several projects. Dr. Krasinski is a national expert to the FP7 INCO and H2020 SME Programme Committees as well as Polish representative to the Panel on R&I under the Eastern Partnership. He has experience as an expert in several EC working groups, advisor for EU R&D programmes, trainer and author/co-author of publications in the field of R&I management. He was a Team Member for the international S&T Policy Mix Peer Review to Kazakhstan (2012). He is Co-founder and Board Member of the National Council of Research Project Coordinators, a member of the PM Certification Committee of IPMA Poland and a Substitute Board member of the European Association of Research Managers and Administrators (EARMA). He initiated the pioneer workshops on R&D PM in Poland (2004-2005) and is actively involved in preparation and realization of the project "Post Graduate Studies on Research project management and commercialization of research results" implemented at seven universities in Poland and the EARMA/NCURA International Research Mgt Fellowship Program. Currently, he is directly involved in three FP7 projects (Bilat USA 2.0, IncoNet EaP and IncoNet CA).

## **Topic: The role of professional research management and administration**

Professional research management and administration is an important framework condition for professional and successful implementation of research and innovation projects. To argue this point, the presentation will tackle the following:

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- Why professional research management?
- A place of research management and administration in a research strategy of an institution
- Recognition of the global profession of project managers - certification programmes
- Importance of education in research management (highlighting a case study from Poland - Post Graduate Studies implemented at seven universities)
- Development of research support offices and their role in professional implementation and administration of the projects and organizational portfolio management
- A role of professional associations like EARMA and INORMS - possibilities of cooperation between research managers on the global basis
- Mutual learning experience - a brief info on the COST Action BESTPRAC - "the voice of research administrators"
- Opportunities and challenges in research management and administration.

## Parallel sessions 4+5+6

### Improving the Performance of Research and Innovation Sector in WBC – achievements, challenges and the way forward

#### (4) Human resources and brain drain

**Friday, March 28**  
**11:15 - 12:45**  
**Room 1**  
**Multimedia stage**

**Chair: Violeta ATANASOVSKA, Ministry of Education and Science – FYR of Macedonia**



Ms. Violeta ATANASOVSKA, born in 1956 is senior advisor at the Ministry of Education and Science in FYR of Macedonia. Between 2003 and 2013 she was involved in EU Framework Programmes for RTD being i.a. National Coordinator, and Capacity Programme NCP. She was involved in 2 FP6 projects (ERAWESTBALKAN & ERAWESTBALKAN+) and FP7 project WBC-INCO.NET as a project manager and WP leader.

**Discussant: Mirjana STANKOVIĆ; Ministry of Education and Science – FYR of Macedonia**



Dr. Mirjana Stankovic currently works at the Ministry of Education and Science of the Republic of Macedonia. She holds a PhD from the Economic Institute, University Ss Cyril and Methodius, Skopje, Macedonia. She is also a holder of an LL.M. degree in International Intellectual Property Law from the Chicago-Kent College of Law, Illinois Institute of Technology, where she finished first in her class in Spring 2010. She has been a Visiting Scholar at the Sanford School of Public Policy at Duke University, for which she has won the World Bank Robert McNamara fellowship. She is also a recipient of a Centre for International Cooperation and Development (CICOPS) scholarship from the University of Pavia, Italy. Dr. Stankovic has also been a Fulbright Fellow and a Visiting Scholar at Duke University School of Law, researching the legal aspects of technology transfer as a factor for economic growth of developing countries. She already holds an LL.M. in International Business Law granted by the Central European University, Budapest, Hungary.



**Ines SUH**  
**World University Service – WUS, Austria**

MMag. Ines Suh has six years of experience in project coordination and her focus lies in the area of curriculum development according to the Bologna standards, linking higher education and economy and internal quality assurance. She is currently managing projects focusing on curriculum development, the improvement of the structure and processes of PhD studies, as well as on competence based teaching. Furthermore, she managed the Brain Gain Programme + and participated in several conferences regarding the topic of brain gain. She is experienced in project development and management, monitoring and project finances. She holds a double Master's Degree in Business Administration from the University of Graz and is a Doctorate candidate at the same institution.

### **Topic: Results of the Impact Analysis of the „Brain Gain Program”**

Brain Gain Programme was implemented by World University Service (WUS) Austria from 2002 until 2010 in four countries of South-East Europe: Bosnia and Herzegovina, Kosovo, Montenegro and Serbia. It enabled implementation of over 600 guest lectures by the emigrated scholars from the region. An extensive impact analysis was conducted at the end of the project in which 61 hosting institutions and 116 guest lecturers have been surveyed. The questionnaires examined two main issues: guest lecturers' contribution to the development of international cooperation and on quality improvement. The results indicate increase of mobility from the hosting to the sending institutions, improvement of quality of the curricula (content and methods), as well as development of further cooperation (other project and follow up activities).

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**Dukagjin Pupovci**  
**Kosovo Education Centre – KEC**

Dukagjin Pupovci is Executive Director of the Kosova Education Center (KEC), the one the most active Education NGOs in Kosovo and the Region. As an Education Expert he contributed to the development of the most important policy documents in the field of Education and Research in Kosovo, to a large extent through membership in national policy making and advisory bodies. Also, he co-authored numerous studies and articles on Education and Research in Kosovo, and worked as Education Consultant in several Western Balkans countries. Dukagjin holds PhD degree in Mathematics and he is Adjunct Professor at the University of Prishtina.

### **Topic: Brain Gain Strategies in Kosovo**

While there are calls for the return of experts in the form of “brain gain” programs, serious incentives are required to make their return effective, including significant funding for their research and schemes for development research skills of early research career candidates. The “brain gain” programs operated in Kosovo where successful only in mobilizing highly qualified experts from Diaspora for short-term teaching assignments in Kosovo Higher Education Institutions, whereas they did not succeed in convincing experts to return and commit to longer-term research and academic arrangements.

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**Kristijan RISTIĆ**  
**Union University Belgrade; Serbia**

Kristijan Ristic was born in 1976 in Belgrade. He completed basic studies at the Faculty of Economics in 2002 in Belgrade, where he attended master studies in Fiscal and monetary management and management of social affairs department. Master's thesis under a title “Budgetary policy and economic stability” and Ph.D thesis under a title “Monetary and fiscal policies of the European Union in situation of global economic crisis” which he defended at the University of Belgrade. For an Assistant professor in the scientific field of Monetary economics he was selected in December of 2011 at the University of Business Studies in Banja Luka. In the scientific field “Economics” he was elected to the position of Assistant Professor in November of 2012 on the Faculty of Business and Industrial Management of Union University of Belgrade. He performs lectures in: Economic analysis of academic studies, Monetary and fiscal management and financial markets and stock exchanges on master studies on Faculty of Business and Industrial Management. On Faculty of Business and Financial Studies of University of Business Studies in Banja Luka, he gives lectures in the subjects: Monetary Economics and Banking Management and Global Financial Management.

## Topic: Human capital in function of innovation for inclusive society

Interdependence of education, technical progress and employment is a vital triangle in the course of economic development, as education is a process of creating “human capital”. As a result, the education affirms itself as a socially acceptable investment, not as a kind of trend and additional social cost that burdens material production. And, since education is a function of technical progress with the calculated effect of increasing labor productivity, then the investment in implemented research and development should be treated as a necessary cost of reproduction. Therefore, it is necessary to find a new type of economic policy which will focus on the research of human capital and technological progress in order to program the structural changes in the economy, since the diffusion of technical progress takes on different forms of innovation in complementary form of education, which brings qualitative changes in inputs. Value of added human capital mainly depends on additional welfare that humans derive from it during work and life, since human capital contributes to productivity, entrepreneurial skills, real wages and welfare as a “versatile” part of current and future consumption. Also, scientific research has become a productive force of the hasty industrial society with the vision of the technological reevaluation, with excellent science and excellent education in its epicenter. This, in turn, led to a strong coordination of educational, scientific-research, technological and industrial policy in the modern world, but also to the internationalization of production, which produced the internationalization of research and technological development as a new propulsive force for fertilization of capital and acceleration of economic growth.

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**Martin Felix GAJDUSEK**  
**Centre for Social Innovation, Austria**

Martin Felix GAJDUSEK, born in 1971, holds a MSc from the University of Natural Resources and Life Sciences, Vienna. Since 2010 he has coordinated the FP7 funded SEE-ERA.NET PLUS involving all Western Balkan countries and several EU MS, he is involved in other CSAs in EE and Central Asia. He has been working 2002-2010 in Bulgaria heading the Austrian Science and Research Liaison Office in Sofia facilitating bilateral S&T cooperation Austria-Bulgaria and with the WBCs. He coordinates since 2011 the SEE-TCP co-funded project Fostering Evaluation competencies in Research, Technology and Innovation in the SEE Region (EVAL-INNO). He has been employed by the Centre for Social Innovation as a researcher and project coordinator since 2004.

## Topic: RTDI Evaluation capacity building

The contribution presents challenges for the development and use of evaluation of research, development and innovation measures. For 3 years a dedicated capacity building project covering all WBCs was started: Fostering Evaluation competencies in Research, Technology and Innovation in the SEE Region (EVAL-INNO). Capacity building activities enhanced the knowledge for evaluation, RTDI evaluation standards were developed, trainings were organised, pilot evaluations were conducted, a virtual platform as knowledge hub was established. The lecture reconsiders analytical results of the project, future actions. The audience is also invited to discuss the concept of future “ownership” of an RTDI evaluation platform in the region.

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**Snezana KRSTIĆ**  
**Marie Curie Alumni Association**

Dr. Snežana Krstić is a chemical engineer, with broad professional interest in issues at the intersection of science, society, policy and innovation. In European research and higher education policies she has been active since 2004. She is the Chair of the Board and Executive Committee of Marie Curie Alumni Association (MCAA). In 2013 the association is established by European Commission and it gathers together researchers from entire world (including the Western Balkan Region) who have benefited or still benefiting from the European Commission’s Maria Skłodowska Curie programmes.

## Topic: Human resources in research in the Western Balkan Region: How to reduce imbalances?

Importance of human resources for economic growth and competitiveness has been widely recognized. The task to develop, attract and retain the skilled researchers has become an important priority of many national strategies. In this global battle for talents the Western Balkan Region is faced with serious imbalances. The focus of this presentation is on the measures and available opportunities that could lead to the improvements. In this context are also highlighted the features of Marie Skłodowska Curie programmes related to the development and mobility of human resources and reintegration of scientific diaspora, the available possibilities for the Region to attract foreign talents, improve cooperation with industrial sector and its innovation capacity. Cooperation with MC fellows is also emphasized.

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## (5) RTDI Infrastructures

Friday, March 28  
11:15 - 12:45  
Room 2

**Chair: Davor KOZMUS, Ministry of Education, Science, Culture and Sport, Slovenia**



Dr. Davor KOZMUS is undersecretary and a project manager at the Ministry of Education, Science and Sport. He is responsible for project management of the following European FP7 programmes and projects: INCITE (ICT cooperation with India), OSIRIS (European Research Infrastructure in the field of ICT and microelectronics), SEE-ERA.NET, WBC-INCO.NET (West Balkan Steering Platform), Danube-INCO.NET, HERA (Humanities in European Research Area), JPI Cultural Heritage and Climate Change (multidisciplinary research project support). He is also a national delegate in the programme committee and a National Contact Point for the Horizon 2020 – Security Research workprogramme and Europe in a changing world.

**Discussant: Monique BOSSI, APRE, Italy**



Ms Monique Bossi is currently the National Contact Point in Italy for Research Infrastructures and Space for Horizon 2020. She graduated in Literatures and attended a master course in Entrepreneurial Management. She has started dealing with European Research and Innovation Programmes in 2001 and has been participating in several projects dedicated to Small and Medium Enterprises involvement during FP5 and FP6. Since FP7 she has been working on several projects dedicated to improve scientific international cooperation between Europe and Latin America, United States, China, Japan, Gulf Countries and the West Balkans. In horizon 2020 she is following the discussions on the international dimension of Research Infrastructures.



**Roberto GOTTER  
ELETTRA Trieste, Italy**

Roberto Gotter, PhD in physics, development senior scientist in Trieste at the IOM-CNR (Institute Of Materials of the National Research Council, formerly a National Laboratory of INFN – National Institute for the Physics of Matter), member of the Innovation Working Group of ESFRI (European Strategy

Forum of Research Infrastructures). Beamline scientist at the Elettra synchrotron radiation source, referent for external liaisons and technology-knowledge transfer of the IOM-CNR, science policy for research infrastructures and innovation, formerly coordinator of development activity of new instrumentation for the atomic scale characterization and for the synthesis of innovative materials. Formerly Contract Professor of physics at the Medical Biotechnology degree course of the University of Trieste. Local coordinator of PRIN (Research Project of National Interest) national projects and Work Package Leader in the FP7 European Project “NFFA: Nanoscience Foundries and Fine Analysis”

(Capacity-Design Study of Research Infrastructures) for the Work Package: “Development of management structure and format of user access for NFFA-RI Centres. Design of NFFA Data Repository and access criteria. Intellectual property issues”. Member of the Nanotechnology National Technical Committee U 22 of UNI (Italian Institute for Standardization), delegate for CEN (CEN/TC352) and ISO (ISO/TC229) technical committees of the European and International Standardization Institutes, respectively, and national coordinator of the Working Group on “Measurements, instrumentation and characterization”. Formerly, in INFN, member of the Technology Transfer Working Group and of the IPR and Patenting Committee; scientific tutor of spin-off enterprises; auditor of FRA projects (Funds for Applied Research); Formerly member of the Patenting Committee of the Devices and Materials Department of CNR; Formerly member of the Steering Committee of the Science Faculty of the University of Trento in the inter-university Campus-One project. He is author/coauthor of seventy articles on international reviews and one patent on nanofabrication.

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## Topic: Pan-European Regional RIs in WBC

ESFRI has, as one of its main activities, developed through its Regional Working Group and deliberating on its proposals an approach to ensure an equilibrated growth of capacities in the participating Member and Accession Countries. This approach calls for the development of Regional Infrastructures, acting in international partnerships (i.e. as regional partner centres) as entry points to allow access and the outreach to researchers and technicians as well as their international training and benchmarking, thus helping to express the full potential of all regions.

The Central-East European Area has an excellent historical scientific tradition, but due to developments in the last century has had fewer opportunities to invest in large research infrastructures and develop them at pan-European dimension. This situation is however changing, thanks to a coherent effort by all countries in the area that have developed or are in the process of developing roadmaps for RIs, and have already invested in RIs both of international and regional level, in all cases referring to the quality criteria developed in the Pan-EU ESFRI context.

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**George BONAS**  
**Centre for Regional and International STI Studies and Support – CeRISS, Greece**

Dr. George Bonas is a founding member and Managing Director of the Centre for Regional and International Studies and Support – CeRISS, located in Athens - Greece. He has more than 15 years experience in International Cooperation in Science, Technology and Innovation (STI) with emphasis on bilateral and multilateral S&T cooperation between the EU and its neighbouring countries and regions (Eastern Partnership countries, Russia, Central Asian, Western Balkan, South Mediterranean/Arabic countries and Turkey). Among other he was in charge of the preparation and negotiation of the 'EU – Western Balkan countries Action Plan in S&T' and has been member of several policy-making committees and panels dealing with International Cooperation in STI (INCO Programme Committee, BSEC Working Group on S&T, Monitoring Committee – MoCo of the Euro-Mediterranean Cooperation, etc.).

## Topic: International cooperation for improving RTDI Infrastructure

Improving infrastructure for Research, Technological Development and Innovation (RTDI) is a major concern not only for the Western Balkan countries (WBC) but also for the Eastern Partnership countries (EaP), the Mediterranean Partner countries (MPCs) and several EU Member States. There are many reasons for this among which the political and economic crises certainly played (and still play) a main role. In this context, the need for infrastructure construction, renewal or upgrade constitutes a constant request of the research communities, across scientific fields, in all the aforementioned geographic regions. This request has not been addressed so far in a satisfactory way, however the lack of funds should not be considered as the unique reason.

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**Radomir ŽIKIĆ**  
**Ministry of Education, Science and Technological Development, Serbia (tbc)**

Radomir Žikić was born in Bor, Serbia in 1968. He finished high school in Bor and graduated in 1994. at the Faculty of Physics. He received his MA in 1998. and Ph.D. in 2001, also at the Faculty of Physics, University of Belgrade. Dr Radomir Žikić works at Institute of Physics, Zemun since 1994. In the period from 2005 to 2007. he was research associate at the Oak Ridge National Laboratory, USA. Dr Žikić was the coordinator of the FP7 collaborative project in the field of nanotechnology NANODNASEQUENCING as well as several national research projects. Currently he is assistant minister for European Integration in the Ministry of Education, Science and Technological Development in Serbia. He is married and has two children.



**Giorgio ROSSO-CICOGNA**  
**Central European Initiative**

After serving as CEI Acting Secretary General in 2013 and previously as CEI Alternate Secretary General since June 2010, Giorgio Rosso Cicogna has currently the role of Special Advisor to Secretary General. He joined the Italian Foreign Ministry in 1971 for a diplomatic career of over twenty years. Among his assignments: Assistant to the Diplomatic Advisor to the Prime Minister, Head of the Secretariat of the Foreign Minister, Advisor for International and European Affairs to the Ministers for Science/Technology and for Public Holdings. He also served as Consul in Vienna, Counsellor and Chargé d' Affairs in New Delhi and Alternate Head of the Italian Delegation to the CSCE again in Vienna, and held several positions at the Economic Department of the Italian Foreign Ministry. In 1991 Mr. Rosso Cicogna retired from government service and started a new career in the private sector as Director General of the Italian

Federation of Industries for the Trieste region. In 1998 he joined TELIT (the only producer of cellular and satellite phones in Italy) as Executive Vice-president for corporate planning and for international, institutional and public affairs; later he was a consultant to the top management of several companies. In 2008 he was appointed Managing Director of the International Centre for Science and High Technology (ICS) of the United Nations Industrial Development Organization (UNIDO).

## (6) Knowledge and Technology Transfer

Friday, March 28  
11:15 - 12:45  
Room 3

**Chair: Ljiljana BELADA, Directorate for Development of SMEs, Montenegro**



Ljiljana Belada currently works in the Directorate for SME Development, Montenegro. She is the Head of European Information and Innovation Centre Montenegro, part of Enterprise Europe Network – EEN, the biggest entrepreneurship network in the world, across 53 countries. She has been working in the DDSME from 2001, engaged in coordinating institutional support mechanisms development, promotion and development of international cooperation. Ljiljana Belada is the member/representative for •) CIP (EC -Competitiveness and Innovation Framework Program), from 2014 COSME (EC Framework Program for Competitiveness of Enterprises and SME); •) NCP for SME for Horizon 2020 (EC Framework Program for Research and Innovation); •) President of the Board of directors of the first IT business incubator in Montenegro; •) Commission for selecting an expert to design and implement Centre of Excellence in Montenegro. She is involved in numerous national and international projects for SME development, research projects and initiatives.

**Discussant: Vesna MANDIĆ, University of Kragujevac, Serbia**



Vesna Mandic is associate professor at the Faculty of Engineering University of Kragujevac, Serbia; founder and Coordinator of two centres - Centre for Virtual Manufacturing (2006) and Collaborative Training Centre (2009); member of Programme Committee for Entrepreneurship (2010); member of Programme Committee for International Projects (2010); President of Serbian Technology Brokers Network (2013), member of National Committee for Knowledge Triangle Platform (2010); short-term expert of German GFA consulting agency (2011); evaluator of CBC EU IPA programme (2012). She has participated at 11 projects of Ministry of Science, more than 20 projects with industry. She is an author and co-author of 4 scientific books and more than 90 scientific papers of which 11 are published in international peer-reviewed journals. Prof. Mandic is editor and/or co-author of following publications related to knowledge and technology transfer: 1. WBC Regional Model for University-Enterprise Cooperation (2010), 2. Strategic Research Agenda - Embedded Systems and Industrial Informatics (2011), 3. Methodology Guideline for Innovation (2012), 4. Catalogue on Research and Innovation potential of the University of Kragujevac (2013), 5. Knowledge And Technology Transfer Between Science And Business: Academic

KTT Offices` Experience And Good Practise (2013), 6. Western Balkans Regional University Innovation Platform (2014), 7. Strategic Development Plan for Business Incubators and Science and Technology Parks in Western Balkan Region (2014), 8. Methodology for Innovation Management (2014). In 2009 she coordinated international team for development of two mobility programmes of knowledge transfer between academia and business: Practical Placement Programme and Industrial Fellowship Programme.



**Jonathan LOEFFLER,  
Steinbeis**

Dr. Jonathan Loeffler received his MSc in chemistry from the European School of Chemistry of the University of Strasbourg and his PhD in Material Sciences from the Max-Planck-Institute of Stuttgart. Before he started working with the Steinbeis Foundation in 1996, he was working with the Max-Planck

Institut für Metallforschung in Stuttgart for several years. Since 2000 he is Managing Director of the Steinbeis-Europa-Zentrum in Karlsruhe. His expertise of the last 15 years covers the support of industry, especially small and medium sized enterprises (SMEs), for the management of European research projects in the domain of new materials, nanotechnologies, optics, production technologies and automotive industry. During these years he has been leading various European research projects with SMEs and has been participating in many different support activities from the European Commission in the domain of technology roadmaps, Innovation Management Techniques, Best Practice of Innovation and Euromanagement. In 2008, he published a handbook on the Management of International Research Projects

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(ISBN 978-3-938062-67-8). Jonathan Loeffler is also specialized in the successful technology transfer of research results from universities to industry. He was responsible for two roadmapping projects at European level on nanomaterials (NanoRoadSME) and nanophotonics (PhotonicRoadSME) as well as their implementation in SMEs by identifying the relevant results for future development of commercial products in specific markets. Within the project

PhotonicRoadSME he published four studies: 'Photonics in Health & Well-being', 'Photonics in Safety & Security', 'Photonics in Information and Communication Technologies' and 'Photonics in Environment & Energy' (ISBN 978-3-941417-77-9). He was also involved in a European survey on success factors and barriers of SMEs in the construction sector (ISBN 978-3-941417-28-1).

### **Topic: Technology Transfer and Regional Competitiveness - The Steinbeis Model in the German State of Baden Wuerttemberg and Pilote Initiatives in the Danube Region**

Innovation and Technology Transfer are essential pillars for the competitiveness of regions. Steinbeis-Europa-Zentrum presents pilot activities concerning the capacity building in innovation and technology transfer in the Danube region. The focus lies on the presentation of the two projects "Danube Transfer Centre Network" and "NoGAP" which are both aiming at closing the gap between research and innovation. Steinbeis-Europa-Zentrum is part of Steinbeis-Stiftung, which was founded in 1971. Technology Transfer as the core business will be achieved by the main activities "Consulting", "Research & development", "Evaluation and expert reports" and "Training and employee development". These activities are realized in 918 Steinbeis enterprises.

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**Eva BARTLMÄ; Vienna University of Technology, Austria**

Ms. Eva BARTLMÄ, Master in Law in 2001; Dr. iur. In 2005, both at University of Vienna; PhD-thesis about the European Unregistered Design-right facing the Austrian Law. Experience as an Associate with an Austrian law firm (2005/2006); since 2006 legal advisor for R&D Contracts at Vienna University of Technology. In 2012 she was interim Head of Department of Research- and Transfer support; since 2013 she is Deputy Head of Department.

### **Topic: Technology Transfer – Best practice example at Vienna University of Technology**

The Research- and Transfer support at Vienna University of Technology was established in 2004 due to the University Act 2002. In the last 10 years the Research- and Transfer support evolved to a service Office for University members which provides support in the following R&D-related issues: Service for Companies, Service for R&D Grants, Legal Services and Service for Inventors. The task of the Research- and Transfer support Office is to support researchers and institutes in their activities related to know-how-transfer from TUW to industry and thereby to protect internal interests. This example demonstrates the whole value chain from the very start of R&D cooperation between Vienna University of Technology and a company, via creating inventions up to founding a start-up enterprise: a story with a current status of 3 winners and no losers.

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**Bratislav STANKOVIC  
University for Information Science & Technology "St. Paul the Apostle", FYR of Macedonia**

Bratislav Stankovic is a professor, scientist, and U.S. patent attorney. He strives to foster improved understanding of the issues at the intersection of IP law, science, technology, research ethics, and bioethics. He is the author of over 70 peer-reviewed articles, books, book chapters, and government reports. He is a Professor at the University of Information Science and Technology "St. Paul the Apostle" in Ohrid, and a Science & Technology Advisor to the President of FYR Macedonia. He has a Ph.D. degree in Biological Sciences from the University of Nebraska-Lincoln, and a J.D. degree from the University of Wisconsin-Madison. Dr. Stankovic is a recipient of two U.S. Fulbright Scholarships for IP Law and Technology Transfer. He is ranked in the top 1% (i.e., top 3,000) SSRN authors. He is also a cofounder of Balkan Unlimited, a non-profit foundation that is improving the innovation and entrepreneurship system in SEE, through extensive cross-continental project execution, including (i) the biannual Balkan Venture

Forum for Innovation (BKVF) – flagship regional venture event for startups, and (ii) SuperFounders, the first pre-seed startup accelerator designed to spur the regional ecosystem of innovation.

## Topic: Towards a Superhelix of Innovation

Knowledge creation and technology acquisition/transfer can be difficult for a small developing country such as FYR Macedonia. The country is experiencing constraints in relation to science, technology and innovation policies, and needs a holistic approach to R&D issues and human capital creation to align its scientific and research target policies with those in the EU. We provide a critical analysis of the Macedonian innovation reality. We examine the relations between the academia and the business sector, and the role of the public sector and the government in the process of innovation. Beyond the disheartening data and towards new horizons, we are suggesting a new concept of organizational forms of knowledge creation – the Superhelix of innovation. It utilizes information packaging and self assembly, comprising as main components: academia, business enterprise, government, civil society elements, clusters, nodes, environment, ecology, geography, energy, education, and capital. The Superhelix is a novel interdisciplinary, modular, holistic, sustainable, and evolving model of innovation.

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**Nikos ZAHARIS,**  
**South East European Research Center – SEERC, Greece**

Mr. Nikos Zaharis is the Director of South East European Research Center (SEERC). He holds a Diploma from Aristotle University of Thessaloniki in Chemical Engineering, and an MSc degree in Chemical Engineering from Pennsylvania State University. He has more than 20 years experience as a consultant and manager working for industry as well as public sector organizations on issues ranging from management of innovation to economic and regional development in Greece and in a series of eastern European countries. Mr. Zaharis focuses on research that facilitates the region's sustainable development, building of knowledge capacity and avoidance of brain-drain. His research interests lie with innovation policy, regional development and entrepreneurship. Currently, he is involved in the EUHUB (<http://www.euhub.eu/>) initiative and the ICT2B project which aims at transforming European funded ICT research into investment opportunities (FP7/ICT).

## Topic: S3 and WBC: Lessons learnt from a pilot exercise in FYR of Macedonia

A self-assessment exercise of the innovation system of FYR of Macedonia was performed in the second half of 2013 with the aim of producing the baseline for developing a Regional Innovation Smart Specialization Strategy (RIS3) for the country. The analysis was based on the "Getting started with the RIS3 Key" guide and examined the Enterprise sector, the Science/Knowledge and Creative Sector and the Government Sector of the country. The methodology and the outcome of the exercise present some valuable lessons for all the Western Balkan Countries in their process of aligning their strategy with the EU in view of the goals of the EUROPE 2020 strategy. It is recommended that the WBC countries take advantage of the future IPA funds available to them and couple them with national funding to implement a coherent and targeted Smart Specialization Strategy that will allow them to use innovation and technology as building blocks of their development.

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# 3<sup>rd</sup> Panel

## How to unlock the Innovation potential in the Western Balkans?

Friday, March 28  
13:45 - 15:00  
Room 1  
Multimedia stage

**Moderation: Ralf HANATSCHEK, International Bureau of the Federal Ministry of Education and Research at the German Aerospace Centre**



Mr. Ralf Hanatschek works as Senior Scientific Officer at the International Bureau of the Federal Ministry of Education and Research, Bonn and is responsible for the bilateral relations between Germany and the Western Balkan countries. Since January 2006 Ralf Hanatschek was involved in the SEE-ERA.NET project (South Eastern European Era-Net) and later on in its follow-up SEE-ERA.NET PLUS. Between 2002 and 2004 he acted as Scientific Officer at the German Remote Sensing Data Center (DFD) at German Aerospace Center in Cologne.



**Ales GNAMUS**  
EC JRC IPTS

Dr. Ales Gnamus is a scientific policy analyst at JRC-IPTS since March 2008. Since 2012 he is closely involved in the activities of the Smart Specialisation Platform. He has been working for the European Commission (DG RTD, DG REGIO, DG JRC) since 2004. He has long-standing analytical experience with European trans-regional and international S&T cooperation. His interests include policy analysis, benchmarking, qualitative and quantitative assessment of policies and on modern internet-based communication / dissemination information platforms. He holds a Ph.D. in natural sciences and had been previously working as researcher dealing with different research topics at universities and research institutes in various countries.

### **Topic: S3 Platform Support to the R&I Activities in the SE-Europe**

Research and innovation strategies for smart specialization (RIS3) have become the key element of the European cohesion policy. Besides being the ex-ante conditionality for the innovation related EU cohesion funding, RIS3 provide the framework for a continuous improvement of innovation policies as well as for sustainable and inclusive economic growth. Although non-EU South-Eastern European countries are not obliged to develop RIS3, this approach may bring an important spill-over effect which will result in better synergies with the EU priorities and facilitated cooperation with their EU neighbours. Structural changes often require modernisation, diversification and transition of existing sectors and activities. There are significant challenges in developing RIS3, such as having an inclusive governance of the process, the actual priority setting, the outward dimension, the crafting of coherent roadmaps, taking into account also the macro-regional dimensions (Danube macro-region, Adriatic-Ionian macro-region, Central-European cooperation etc.), the right policy mixes to be implemented by e.g. operational programmes, and the establishment of sound monitoring systems. Universities and research institutions shall play a key role in developing and implementing RIS3. However, only a fraction of them are excellent in research by world standards. One of their main challenges is related to the development of a better institutional governance, leadership and capacity to contribute to the creation of innovative ideas sustaining business development and regional growth through local and international partnerships and networking. Adequate institutional capacity at regional and national level is therefore a pre-condition for successful RIS3 design and implementation. It is important to support institutions, platforms, inter-regional networks in order to better identify and implement common objectives, actions and projects with a true trans-regional dimension in the SE-Europe. Smart Specialisation is a concept that can make a valuable contribution to the integrated approach which macro-regional strategies such as the EU Strategy for the Danube Region (EUSDR) and other macro-regional cooperation strategies as it can stimulate the constructive use of regional diversity by avoiding uniformity and duplication in regional investment goals as well as help developing critical mass to tackle major common challenges. The European Commission - DG JRC together with DG REGIO - launched the 'Smart Specialisation Platform' (S3 Platform) in early 2012 in

order to assist EU regions and countries to develop, implement and review research and innovation strategies for Smart Specialisation (RIS3). Until now, 147 EU regions, 14 EU countries and 2 non-EU regions have registered. As from the South-East Europe, 6 MS (CZ, SK, SI, HR, HU and RO), 19 EU regions from AT, CZ, SK, HU and RO, and one neighbourhood region (Vojvodina, RS) have registered. Numerous useful initiatives, events and practical tools provided by the S3 Platform in support of the research and innovation activities and cooperation are the reason for the exponential growth of the S3P member regions/countries. The registration is free of charge and the S3P will be pleased to welcome any of the applying WBC countries and to offer them a support to their specific needs.

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**Mark KNELL**

**Nordic Institute for Studies in Innovation, Research and Education, Norway**

Mark Knell is Research Professor and Senior Research Fellow at NIFU. His research focuses on knowledge generation, innovation, productivity growth, user-producer linkages and technology transfer and spillovers in both the European and global contexts. This research involved developing econometric models of firm behaviour, structural models of industries, and creating databases that include science and technology indicators. He helped develop and obtain funding from the European Commission, Nordic Innovation Centre and Norwegian Research Council. Mark has been Research Professor since May 2009 and visiting Research Professor at the Institut für Wirtschaftsforschung Halle. He holds a PhD in Economics from New School for Social Research, New York.

### **Topic: Innovation policy learning from Norway in Western Balkans**

The NORGLOBAL-funded research WBinNO project sets out to help policy makers in the western Balkan identify new institutional arrangements and policy instruments that complement the needs of the local economy. The project has two main goals. Firstly, it will analyse the different innovation systems in the Balkan region, including formal (legal system) and informal (cultural system) institutional arrangements of the society. Identifying good practices, in support of sustainable economic development and catching-up, depends on policymakers having a better understanding of the innovation system, including its economic, political and cultural institutions, and the relevant policy instruments. Secondly, it will provide a study of innovation policy development, including the integration of different policy instruments into a coherent policy-mix, and policy learning. A variety of different methods are used to provide a better understanding of how different actors are related to the innovation system as a whole.

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**Djuro KUTLACA**  
**Mihajlo Pupin Institute, Serbia**

Prof Đuro Kutlača, PhD. Born in Zagreb, December 16th, 1956. Received B.Sc. degree (5 years studies) in 1980 and M.Sc. in 1986 at the Electrical Engineering Faculty, University of Belgrade. Completed Ph.D. dissertation in 1998 at the Faculty of Organizational Sciences, University of Belgrade.

Since 1981 has been a research associate at Mihajlo Pupin Institute, Belgrade, Serbia. Present position: head of S&T Policy

Research Center, Scientific Counsellor. Professor at University "Metropolitan", Belgrade, teaching Project and Innovation Management. Visiting researcher at FhG Institut für Systemtechnik und Innovationsforschung, Karlsruhe, Germany (1987; 1991-1992) and at Science Policy Research Unit, University of Sussex, Brighton, UK (1996; 1997; July 2001-October 2002). Former member of NESTI (National Experts for S&T Indicators) group at OECD (1988-1992). During 32 years of research experience, he was a member of research teams in 43 large R&D projects, has published 31 scientific paper, and presented 125 papers at international and national scientific conferences, author of 2 and co-author of 23 books. Specific research subjects of his interest are: (a) S&T and industry development and policy, (b) metrics in S&T and innovation, and (3) Innovation theory and practice.

### **Topic: Data availability in WBC / Statistics**

S&T statistics are integral part of most of national statistical offices in WBC and present substantial part of national infrastructure whose aim is to collect data and provide decision makers with information necessary for process of management of S&T system in the country. The study "Report on missions / study visits to National Statistical Offices including assessment of the current situation in S&T statistics and recommendations" (deliverable D 4.21 of WBC-INCO.NET project) presents the results of the analysis of the situation and stage of development as well as the on-going activities towards the improvement of this part of national statistics in WBC in the years 2008-2009: [1] Statistical systems in the area of S&T in Croatia, FYR of Macedonia, Montenegro and Serbia are able to produce internationally comparable R&D statistics and indicators. [2] Situation in Albania, Bosnia and Herzegovina, as well as in Kosovo\*, could be evaluated as critical, because of absence of established statistical system for collection, processing and use of data in the area of S&T. Unfortunately, a second round of evaluating the situation in the area of production of STI statistics in WBC was not a part of WBC-INCO.NET project. Nevertheless, in June 2011, the World Bank signed an agreement with the EC to provide technical assistance for the development of a Western Balkans Regional R&D Strategy for Innovation (WBRIS-TA). In addition to activities for realisation of the WBRIS-TA, number of

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analytical work and country assessments has been done and one among them is analysis: "Quality of R&D Data – evaluation of R&D in Western Balkans", prepared by UNESCO Regional Office for Science and Culture in Europe-Venice Office, with objective to give: a review and assessment of statistical systems and quality of R&D data in the WBC; identification of critical issues (SWOT analysis) and elaboration of strategies and specific proposal to improve the situation. Final document delivered by UNESCO Venice Office is deliverable 5: "Quality of R&D and Innovation (RDI) Data in Western Balkans" with a proposed strategy to move the STI statistical systems in the WBC towards the EU / international standards. Two more messages should be carefully considered: •) Different levels of development, differences in national support for the production and national needs for the use of STI statistics in the WBC as well as a number of missing STI indicators in practically all countries (except Croatia) are factors that call for international attention and support; •) Development of statistical systems in the area of S&T in the WBC should be organized with more bilateral and multilateral cooperation between countries in the region, using opportunities raised through similarity in development phases and problems and possible better understanding of practice which is in use and/or inherited from previous periods of performance. Such cooperation should be supported and monitored by the international S&T community in order to avoid possible misunderstandings and mistakes.

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**Kujtime STEFANI**  
**Ministry of Economic Development, Trade and Entrepreneurship, Albania**

Kujtime Stefani was born in 1961, studied Economy, Policy Economy at the University of Tirana in 1980-1984. She has completed master studies in Public Administration at University of Tirana, Faculty of Economics. She is employed at the Ministry of Economic Development, Trade and Entrepreneurship since 2003. She has an experience in foreign direct investment policies, competitiveness and innovation policies. She has been part of Working Group on competitiveness and innovation pillars of SEE 2020 strategy. She has collected experience in different regional projects and currently is coordinator of the ministry for WBC-INCO.Net. and is part of innovation expert board. She has been part of group in drafting annual report on FDI in Albania.

### **Topic: Situation and Measures to unleash the Innovation Potential in WBC**

WBC differs significantly in overall development and related innovation capacities as well as in performance of the National Innovation Systems and governance abilities to advance innovation competences. Fundamentals that are critical for innovation dynamics are not in place in WBC. The region faces structural and macroeconomic challenges and a common set of problems such as brain drain, low business expenditures on R&D and outdated research infrastructure. In order to tap effectively into the regional pool of knowledge and unleash its innovative potential, WBC countries need to undertake institutional and policy reforms based on a new model of growth, knowledge economy, to invest more and better in research and innovation, prioritizing investments toward a "smart specialization".

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**Jadranka ŠVARC**  
**Ivo Pilar Institute, Croatia**

Dr Jadranka Švarc is senior researcher at the Institute of Social Sciences Ivo Pilar, Zagreb. She holds MA in information sciences and PhD in sociology from the University of Zagreb. Her field of scientific interest is the role of science and innovation systems in the socio-economic progress and the knowledge

society. She is the national correspondent for the ERAWATCH and METRIS projects and participant in many others at national and international level. She is reviewer of the several internationally referred journals, national scientific projects and recently of country reports within the ERAWATCH as well as the external Quality Assurance reviewer of the Danube INCO-NET project. Prior to the Institute Pilar she served as the Head of the Technology Department of the Ministry of Science, Education and Sports where she was focused on establishing the national innovation system in Croatia. As an innovation expert she participated in the accession negotiation of Croatia to EU in the field of innovation policy, World Bank project on improving innovation system in Croatia, Croatian National innovation strategy 2013-2020, etc.

### **Topic: Regional innovation cooperation: some considerations**

The innovation capacities and innovation systems in WBCs are rather poorly analysed due to the lack of statistical data and complexity of innovation system. Some recent analyses point to the significant differences of WBC in overall development and research and innovation capacities. However, WBCs share many similar obstacles to innovation coming particularly from the similar pattern of transition, wrong growth model and excessive tertiarisation of the economy. In order to encourage innovation it is necessary to remove the main obstacles to innovation (corruption, inefficient government bureaucracy, clientelistic companies), consider re-industrialisation and more intensive regional innovation cooperation. The analysis reveals that the measures for regional cooperation should involve common funding mechanism for innovation, encouraging of large infrastructural projects, mobility of researchers and liberalisation of service sectors.

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# Conference Conclusions & farewell

Elke DALL, Centre for Social Innovation, Austria  
Ines MARINKOVIC, Centre for Social Innovation, Austria  
Tania FRIEDERICHS, EC DG Research and Innovation

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**15:00 - 15:15**  
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# Farewell Coffee & Cake

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# NOTES



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