

Programme

Monday 21 November 2016

InterContinental Hotel, Fortuna Ballroom (4 Bulevardul Nicolae Bălcescu)

19.00-19.30	Registration
19.30-21.00	Welcome Reception <ul style="list-style-type: none">- Mihnea Costoiu, Rector, University Politehnica of Bucharest

Tuesday 22 November 2016

University Politehnica of Bucharest (Splaiul Independentei nr. 313, sector 6, Bucharest)

8.30-9.00	Registration (Rectorate Building, Radu Voinea Amphitheater - AN010)
9.00-9.30	Welcome Addresses (Rectorate Building, Radu Voinea Amphitheater - AN010) <ul style="list-style-type: none">- Victor Grigorescu, Minister of Energy, Romania- Mihnea Costoiu, Rector, University Politehnica of Bucharest- Lesley Wilson, Secretary General, European University Association
9.30-10.30	Keynotes (Rectorate Building, Radu Voinea Amphitheater - AN010) <ul style="list-style-type: none">- Andreea Strachinescu, Head of Unit for New energy technologies, innovation and clean coal, DG Energy, European Commission- Dr Iulian Iancu, Chairman, Romanian National Committee, World Energy Council; Member of the Romanian Parliament- Prof. Horia Necula, Dean of the Faculty of Power Engineering, University Politehnica of Bucharest
10.30-11.00	Coffee Break (Rectorate Building, Radu Voinea Amphitheater - AN010)
11.00-11.30	Plenary Session (Rectorate Building, Radu Voinea Amphitheater - AN010) Introduction to UNI-SET and the Conference Objectives Presentation of the UNI-SET project and the Conference Objectives <ul style="list-style-type: none">- Prof. Torbjørn Digernes, Chair of the UNI-SET Steering Committee; former Rector, Norwegian University of Science and Technology Presentation of the European “Roadmap for Universities in Energy” and an outline of the European roadmap in the fields of smart energy systems and communities <ul style="list-style-type: none">- Dr Lidia Borrell-Damian, Director for Research & Innovation, EUA; UNI-SET Project Coordinator- Prof. Johan Driesen, KU Leuven; Education Director, KIC InnoEnergy; UNI-SET Project Leader

11.30-12.30	<p>Plenary Session (Rectorate Building, <i>Radu Voinea</i> Amphitheater - AN010) Research, Innovation and Education in Smart Energy Systems and Communities</p> <p>During the second plenary session, keynote speakers will present main research and education challenges for universities in the fields of energy systems, smart cities and communities and energy consumers, based on the Input papers to the SET-Plan consultations.</p> <ul style="list-style-type: none"> - Prof. Johan Driesen, KU Leuven; Education Director, KIC InnoEnergy; UNI-SET Project Leader - Dr Wim Melis, Senior Lecturer, University of Greenwich, UK - Dr Emil Calota, Vice President, Regulatory Authority for Energy (ANRE), Romania
12.30-13.30	<p>Lunch (UPB Central Library - 2nd floor)</p>
13.30-15.00	<p>Parallel Sessions Good Practices in Research, Innovation and Education</p> <p>In these sessions, university leaders will be given the floor to share good practices in the specific fields below. The main objective is to facilitate mutual learning and exchange through presentations on projects and activities with an innovative approach to research, education, training, or innovation activities. Preference will be given to activities with a multi-disciplinary (integration of sciences, social sciences and humanities) and/or collaborative approaches.</p> <p>Moderators of sessions will identify cross-cutting issues to feed into the discussion on the European roadmap in the fields of smart energy systems and communities.</p> <p>Session 1: Smart metering (UPB Central Library - 2nd floor - Room 2.1)</p> <p>Chair: Prof. Giovanni Fracastoro, Politecnico di Torino Rapporteur: Borana Taraj, European University Association</p> <ul style="list-style-type: none"> - Mihai Calin, Research Coordinator, European Distributed Energy Resources Laboratories (DERlab); Representative of EERA Joint Programme Smart Grids - Dr Mihai Sanduleac, R&D Director, ECRO Srl <p>Session 2: Collaborative research and education (UPB Central Library - 2nd floor - Room 2.2)</p> <p>Chair: Dr Lidia Borrell-Damian, Director for Research & Innovation, EUA; UNI-SET Project Coordinator Rapporteur: Mar Martinez Diaz, KU Leuven; KIC InnoEnergy</p> <ul style="list-style-type: none"> - Prof. Eden Mamut, Ovidius University of Constanta - Adriana Mircea, Government Affairs & BD for SEE, GE Romania - Prof. Antonello Monti, RWTH Aachen University - Laurentiu Oancea, Ovidius University of Constanta - Prof. Adrian Tanțău, Bucharest Academy of Economic Studies <p>Session 3: Multidisciplinary for energy storage solutions (UPB Central Library - 3rd floor - Room 3.1)</p> <p>Chair: Prof. Fabrice Lemoine, University of Lorraine Rapporteur: Dr Andrzej Adamski, Jagiellonian University; KIC InnoEnergy</p>

- Ana-Maria Carac, Ovidius University of Constanta
- Prof. Marko Delimar, Faculty of Electrical Engineering, University of Zagreb
- Prof. João Serra, Universidade de Lisboa
- Gabriel Zsembinszki, University of Lleida; Inpath-TES project

Session 4: Living labs and smart campuses

(UPB Central Library - 3rd floor - Room 3.2)

Chair: Dr John Smith, European University Association

Rapporteur: Lennart Stoy, European University Association

- Daniel Butucel, Project Manager, EFdeN
- Dr Stefano Rinaldi, University of Brescia
- Prof. Vladimir Tanasiev, University Politehnica of Bucharest

15.00-15.30 **Coffee break** (UPB Central Library - 2nd floor)

15.30-16.30 **Plenary Session** (UPB Central Library - 2nd floor - Room 2.1)

Funding Instruments, Programmes and Platforms

Chair: Prof. Torbjørn Digernes, Chair of the UNI-SET Steering Committee; former Rector, Norwegian University of Science and Technology

- Gianluca Fulli, Deputy Head, Energy Security, Distribution and Markets Unit, Joint Research Centre, European Commission
- Andreea Strachinescu, Head of Unit for New energy technologies, innovation and clean coal, DG Energy, European Commission
- N.N., Representative of The EEA Grants and Norway Grants

16.30-18.00 **Clustering Sessions**

These sessions aim to support the exchange of knowledge between experts in different disciplines and fields of science to support the development of new research ideas and cross-disciplinary perspectives on the different topics. Clustering in this context stands for the interaction of researchers working on similar challenges from the perspective of different scientific disciplines.

The sessions also seek to facilitate linkages between research and education in the fields of energy systems, smart cities and communities and energy consumers. Each speaker will provide a specific angle on the topic. Moderators of sessions will identify cross-cutting issues to feed into the discussion on the European roadmap for universities in the three main fields.

Session 1: Energy systems (UPB Central Library - 2nd floor - Room 2.1)

Chair: Prof. Tim Green, Imperial College London

Rapporteur: Dr Ningwei Justin Chiu, KTH Royal Institute of Technology

- Prof. David Smeulders, TU/e Technical University of Eindhoven
- Marian Dobrin, Manager, Institute for Studies and Power Engineering (ISPE) Bucharest
- Dr Wim Melis, Senior Lecturer, University of Greenwich, UK
- Sergiu Nicolaie, Department in Conversion Efficiency and Energy Consumption, National Institute for Research and Development in Electrical Engineering (ICPE-CA)

Session 2: Smart Cities & Communities (UPB Central Library - 2nd floor - Room 2.2)

Chair: Dr John Smith, European University Association
Rapporteur: Borana Taraj, European University Association

- *Hartmut Dumke, TU Vienna*
- *Prof. Olav B. Fosso, Norwegian University of Science and Technology*
- *Prof. Robert Gavriliuc, Technical University of Civil Engineering Bucharest*
- *Prof. Tom Postmes, University of Groningen*

Session 3: Energy Consumers (UPB Central Library - 2nd floor - Room 2.3)

Chair: Prof. Giovanni Fracastoro, Politecnico di Torino
Rapporteur: Lennart Stoy, European University Association

- *Prof. Fredrik Wallin, Mälardalen University*
- *Emil Constantinescu, Project Manager, ENEL Romania*
- *Jay Sterling Gregg, Technical University of Denmark; Representative of EERA Joint Programme on Economic, Environmental and Social Impacts (JP e3s)*
- *Prof. Tomas Krzyzynski, Dean Faculty of Technology and Education, Koszalin University of Technology*

20.00-22.00

Conference Dinner

With a speech by H.E. Ambassador Dr Mihnea Costantinescu, Special representative for Economic Diplomacy and Energy Security, Ministry of Foreign Affairs, Romania

[Palace of the National Military Circle](#)

Byzantine Hall

1, Constantin Mille Street

Wednesday, 23 November 2016

University Politehnica of Bucharest (*Splaiul Independentei nr. 313, sector 6, Bucharest*)

9.00-9.30	Short summary of the outcomes of the first day parallel sessions (UPB Central Library - 2nd floor - Room 2.1)
9.30-10.45	Outlook Sessions <i>Making Energy Systems Ready for the Future: The Role of Universities & Industry</i> Main challenges in the fields below will be presented with a forward-look in order to foster exchange of views on research and education challenges and opportunities. The debate, together with the audience, will address also how universities need to partner with organisations in the field to approach the challenges, with a view on the development of European research initiatives (e.g. Mission Innovation, FP9). The discussions will feed into the development of the European roadmap for universities in the field of smart energy systems and communities. <i>Session 1) Education for the Future Energy System</i> (UPB Central Library - 2nd floor - Room 2.2) Chair: Prof. Torbjørn Digernes, Chair of the UNI-SET Steering Committee; former Rector, Norwegian University of Science and Technology <ul style="list-style-type: none">- Prof. Mihaela Albu, University Politehnica of Bucharest- Prof. Dagnija Blumberga, Director, Institute of Energy Systems and Environment, Riga Technical University- Brandusa Fecioru, HR Manager, Honeywell Romania- Sorina Mustăţea, Vice President for Public Relations, Board of European Students of Technology (BEST) Bucharest, University Politehnica of Bucharest <i>Session 2) University-Business Collaboration for the Future Energy System</i> (UPB Central Library - 2nd floor - Room 2.3) Chair: Prof. Johan Driesen, KU Leuven; Education Director, KIC InnoEnergy; UNI-SET Project Leader <ul style="list-style-type: none">- Dr Traian Fagarasan, Director, SC Smart SA – Sucursala Sibiu, Transelectrica- Prof. Tim Green, Director, Energy Futures Lab, Imperial College London- Petru Ruset, Country Division Lead Wind Power and Renewables, SIEMENS Romania
10.45-11.15	Coffee Break (UPB Central Library - 2nd floor)
11.15-11.30	Short summary of the Outlook Sessions (UPB Central Library - 2nd floor - Room 2.1)
11.30-13.00	Roundtable Discussion (UPB Central Library - 2nd floor - Room 2.1) <i>Economics and Governance for the Energy Transition</i> The panel discussion will bring together representatives of major R&I actors in Europe, to debate the future of economics and governance for the energy transition. In the light of the Energy Union, the SET-Plan and other major European policy developments in the energy field (e.g. Research, Innovation, and Competitiveness Strategy for the Energy Union, Mission Innovation, FP9), panellists will discuss long-term challenges to address R&I strategies in the field of energy, financial sustainability of energy R&I actions, and in particular, the challenges in developing the holistic approaches to smart energy systems and communities. Chair: Dr Lidia Borrell-Damian, Director for Research & Innovation, EUA; UNI-SET Project Coordinator

	<ul style="list-style-type: none"> - <i>Prof. Johan Driesen, KU Leuven; Member of the ETIP Smart Networks for the Energy Transition, Belgium</i> - <i>Dumitru Federenciuc, Head of Strategy Department, Electrica, Romania</i> - <i>Dr Ioan Hategan, Manager, Department DTDR, Transelectrica, Romania</i> - <i>Prof. Arturo Lorenzoni, University of Padova; IEFE, Bocconi University, Italy</i> - <i>Ana Otilia Nutu, Energy Policy Analyst, Expert Forum, Romania</i> - <i>Prof. Tadeusz Skoczowski, Department of Rational Use of Energy, Warsaw University of Technology; Member, Horizon 2020 Advisory Group on Energy, Poland</i>
13.00-13:15	<p>Closing Ceremony (UPB Central Library - 2nd floor - Room 2.1)</p> <p><i>Mihnea Costoiu, Rector, University Politehnica of Bucharest</i></p> <p>Announcement of the 4th UNI-SET Energy Clustering Event at Imperial College London, United Kingdom</p> <ul style="list-style-type: none"> - <i>Prof. Tim Green, Director, Energy Futures Lab, Imperial College London</i>
13.15-13.45	<p>Farewell Lunch (UPB Central Library - 2nd floor)</p>
