



**3rd UNI-SET Energy Clustering Event**  
***Universities in the Energy Transition:***  
***Focus on Smart Energy Systems and Communities***

***Hosted by***  
***University Politehnica of Bucharest (UPB)***  
***Bucharest, Romania***

**21-23 November 2016**

**#UNISSET2016RO**

**Preliminary Programme**

**Monday 21 November 2016**

**InterContinental Hotel, Fortuna Ballroom (4 Bulevardul Nicolae Bălcescu)**

<b>19.00-19.30</b>	<b>Registration</b>
<b>19.30-21.00</b>	<b>Welcome Reception</b> - <i>Mihnea Costoiu, Rector, University Politehnica of Bucharest</i>

**Tuesday 22 November 2016**

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

<b>8.30-9.00</b>	<b>Registration</b> ( <u>Rectorate Building, Radu Voinea Amphitheater – AN010</u> )
<b>9.00-9.30</b>	<b>Welcome Addresses</b> ( <u>Rectorate Building, Radu Voinea Amphitheater – AN010</u> ) - <i>Mihnea Costoiu, Rector, University Politehnica of Bucharest</i> - <i>Lesley Wilson, Secretary General, European University Association</i> - <i>Victor Grigorescu, Minister of Energy, Romania</i>
<b>9.30-10.30</b>	<b>Keynotes</b> ( <u>Rectorate Building, Radu Voinea Amphitheater – AN010</u> ) - <i>Andreea Strachinescu, Head of Unit for New energy technologies, innovation and clean coal, DG Energy, European Commission</i> - <i>Dr Iulian Iancu, Chairman, Romanian National Committee, World Energy Council; Member of the Romanian Parliament</i> - <i>Prof. Horia Necula, Dean of the Faculty of Power Engineering, University Politehnica of Bucharest</i>

<b>10.30-11.00</b>	<b>Coffee Break</b> <u>(Rectorate Building, Radu Voinea Amphitheater – AN010)</u>
<b>11.00-11.30</b>	<p><b>Plenary Session</b> <b><i>Introduction to UNI-SET and the Conference Objectives</i></b> <u>(Rectorate Building, Radu Voinea Amphitheater – AN010)</u></p> <p><b>Presentation of the UNI-SET project and the Conference Objectives</b></p> <ul style="list-style-type: none"> <li>- <i>Prof. Torbjørn Digernes, Chair of the UNI-SET Steering Committee; former Rector, Norwegian University of Science and Technology</i></li> </ul> <p><b>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</b></p> <ul style="list-style-type: none"> <li>- <i>Dr Lidia Borrell-Damian, Director for Research &amp; Innovation, EUA; UNI-SET Project Coordinator</i></li> <li>- <i>Prof. Johan Driesen, KU Leuven; Education Director, KIC InnoEnergy; UNI-SET Project Leader</i></li> </ul>
<b>11.30-12.30</b>	<p><b>Plenary Session</b> <b><i>Research, Innovation and Education in Smart Energy Systems and Communities</i></b> <u>(Rectorate Building, Radu Voinea Amphitheater – AN010)</u></p> <ul style="list-style-type: none"> <li>- <i>Prof. Johan Driesen, KU Leuven; Education Director, KIC InnoEnergy; UNI-SET Project Leader</i></li> <li>- <i>Dr Wim Melis, Senior Lecturer, University of Greenwich, UK</i></li> <li>- <i>Dr Emil Calota, Vice President, Regulatory Authority for Energy (ANRE), Romania</i></li> </ul>
<b>12.30</b>	<b>Change of location (Move to UPB Central Library)</b>
<b>12.30-13.30</b>	<b>Lunch</b> <u>(UPB Central Library – 2nd Floor)</u>
<b>13.30-15.00</b>	<p><b>Parallel Sessions</b> <b><i>Good Practices in Research, Innovation and Education</i></b></p> <p><b><i>Session 1: Smart metering and instrumentation</i></b> <u>(UPB Central Library – 2nd Floor – Room 2.1)</u></p> <p>Chair: Prof. Giovanni Fracastoro, Politecnico di Torino Rapporteur: Borana Taraj, European University Association</p> <ul style="list-style-type: none"> <li>- <i>Prof. Mihai Gavrilas, "Gheorghe Asachi" Technical University of Iasi</i></li> <li>- <i>Prof. Ciprian Lupu, Vice-Dean, University Politehnica of Bucharest</i></li> <li>- <i>Dr Mihai Sanduleac, Faculty of Power Engineering, University Politehnica of Bucharest</i></li> <li>- <i>Prof. Rodica Stoian, RoneXprim</i></li> </ul> <p><b><i>Session 2: Collaborative research and education</i></b> <u>(UPB Central Library – 2nd Floor – Room 2.2)</u></p> <p>Chair: Dr Lidia Borrell-Damian, Director for Research &amp; Innovation, EUA Rapporteur: Mar Martinez Diaz, KU Leuven; KIC InnoEnergy</p> <ul style="list-style-type: none"> <li>- <i>Prof. Eden Mamut, Ovidius University of Constanta</i></li> <li>- <i>Adriana Mircea, Government Affairs &amp; BD for SEE, GE Romania</i></li> <li>- <i>Prof. Antonello Monti, RWTH Aachen University</i></li> </ul>

	<ul style="list-style-type: none"> <li>- <i>Laurentiu Oancea, Ovidius University of Constanta</i></li> <li>- <i>Prof. Adrian Tanțău, Bucharest Academy of Economic Studies</i></li> </ul> <p><b>Session 3: Multidisciplinarity for energy storage solutions</b> <u>(UPB Central Library – 3rd Floor – Room 3.1)</u></p> <p>Chair: Prof. Fabrice Lemoine, University of Lorraine Rapporteur: Dr Andrzej Adamski, Jagiellonian University; KIC InnoEnergy</p> <ul style="list-style-type: none"> <li>- <i>Ana-Maria Carac, Ovidius University of Constanta</i></li> <li>- <i>Prof. João Serra, Universidade de Lisboa</i></li> <li>- <i>Gabriel Zsembinszki, University of Lleida; Inpath-TES project</i></li> </ul> <p><b>Session 4: Living labs and smart campuses</b> <u>(UPB Central Library – 3rd Floor – Room 3.2)</u></p> <p>Chair: Dr John Smith, European University Association Rapporteur: Lennart Stoy, European University Association</p> <ul style="list-style-type: none"> <li>- <i>Daniel Butucel, Project Manager, EFdeN</i></li> <li>- <i>Dr Stefano Rinaldi, University of Brescia</i></li> <li>- <i>Prof. Vladimir Tanasiev, University Politehnica of Bucharest</i></li> </ul>
15.00-15.30	<p><b>Coffee break</b> <u>(UPB Central Library – 2nd Floor)</u></p>
15.30-16.30	<p><b>Plenary Session</b> <b><i>Funding Instruments, Programmes and Platforms</i></b> <u>(UPB Central Library – 2nd Floor – Room 2.1)</u></p> <p>Chair: Prof. Torbjørn Digernes, Chair of the UNI-SET Steering Committee; former Rector, Norwegian University of Science and Technology</p> <ul style="list-style-type: none"> <li>- <i>Gianluca Fulli, Deputy Head, Energy Security, Distribution and Markets Unit, Joint Research Centre, European Commission</i></li> <li>- <i>Andreea Strachinescu, Head of Unit for New energy technologies, innovation and clean coal, DG Energy, European Commission</i></li> </ul>
16.30-18.00	<p><b>Clustering Sessions</b></p> <p><b>Session 1: Energy systems</b> <u>(UPB Central Library – 2nd Floor – Room 2.2)</u></p> <p>Chair: Prof. Tim Green, Imperial College London Rapporteur: Dr Ningwei Justin Chiu, KTH Royal Institute of Technology</p> <ul style="list-style-type: none"> <li>- <i>Prof. David Smeulders, TU/e Technical University of Eindhoven</i></li> <li>- <i>Marian Dobrin, Manager, Institute for Studies and Power Engineering (ISPE) Bucharest</i></li> <li>- <i>Dr Wim Melis, Senior Lecturer, University of Greenwich, UK</i></li> <li>- <i>Sergiu Nicolaie, Department in Conversion Efficiency and Energy Consumption, National Institute for Research and Development in Electrical Engineering (ICPE-CA)</i></li> </ul>

	<p><b>Session 2: Smart Cities &amp; Communities</b> <u>(UPB Central Library – 2nd Floor – Room 2.3)</u></p> <p>Chair: Dr John Smith, European University Association Rapporteur: Borana Taraj, European University Association</p> <ul style="list-style-type: none"> <li>- Hartmut Dumke, TU Vienna</li> <li>- Prof. Olav B. Fosso, Norwegian University of Science and Technology</li> <li>- Prof. Robert Gavriluic, Technical University of Civil Engineering Bucharest</li> <li>- Prof. Tom Postmes, University of Groningen</li> </ul> <p><b>Session 3: Energy Consumers</b> <u>(UPB Central Library – 3rd Floor – Room 3.2)</u></p> <p>Chair: Prof. Giovanni Fracastoro, Politecnico di Torino Rapporteur: Lennart Stoy, European University Association</p> <ul style="list-style-type: none"> <li>- Prof. Fredrik Wallin, Mälardalen University</li> <li>- Emil Constantinescu, Project Manager, ENEL Romania</li> <li>- Jay Sterling Gregg, Technical University of Denmark; Representative of EERA Joint Programme on Economic, Environmental and Social Impacts (JP e3s)</li> <li>- Prof. Tomas Krzyzynski, Dean Faculty of Technology and Education, Koszalin University of Technology</li> </ul>
18.00	<b>End of Conference Sessions</b>
20.00-22.00	<p><b>Conference Dinner</b></p> <p><i>With a speech by H.E. Ambassador Dr Mihnea Costantinescu, Special representative for Economic Diplomacy and Energy Security, Ministry of Foreign Affairs, Romania</i></p> <p><a href="#">Palace of the National Military Circle</a> Byzantine Hall 1, Constantin Mille Street</p>

**Wednesday, 23 November 2016**

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

9.00-9.30	<p><b>Short summary of the outcomes of the first day parallel sessions</b> <u>(UPB Central Library – 2nd Floor – Room 2.1)</u></p>
9.30-10.45	<p><b>Outlook Sessions</b> <b><i>Making Energy Systems Ready for the Future: The Role of Universities &amp; Industry</i></b></p> <p><b>Session 1) Education for the Future Energy System</b> <u>(UPB Central Library – 2nd Floor – Room 2.2)</u></p> <p>Chair: Prof. Torbjørn Digernes, Chair of the UNI-SET Steering Committee Rapporteur: Prof. Johan Driesen, KU Leuven; Education Director, KIC InnoEnergy;</p> <ul style="list-style-type: none"> <li>- Prof. Mihaela Albu, University Politehnica of Bucharest</li> <li>- Prof. Dagnija Blumberga, Director, Institute of Energy Systems and Environment, Riga Technical University</li> <li>- Brandusa Fecioru, HR Manager, Honeywell Romania</li> <li>- Sorina Mustăţea, Vice President for Public Relations, Board of European Students of Technology (BEST) Bucharest, University Politehnica of Bucharest</li> </ul>

	<p><b>Session 2) University-Business Collaboration for the Future Energy System</b> <u>(UPB Central Library – 2nd Floor – Room 2.3)</u></p> <p>Chair: Prof. Giovanni Fracastoro, Politecnico di Torino Rapporteur: Prof. Fabrice Lemoine, University of Lorraine</p> <ul style="list-style-type: none"> <li>- <i>Dr Traian Fagarasan, Director, SC Smart SA – Sucursala Sibiu, Transelectrica</i></li> <li>- <i>Prof. Tim Green, Director, Energy Futures Lab, Imperial College London</i></li> <li>- <i>Petru Ruset, Country Division Lead Wind Power and Renewables, SIEMENS Romania</i></li> </ul>
10.45-11.15	<p><b>Coffee Break</b> <u>(UPB Central Library – 2nd Floor)</u></p>
11.15-11.30	<p><b>Short summary of the Outlook Sessions</b> <u>(UPB Central Library – 2nd Floor – Room 2.1)</u></p>
11.30-13.00	<p><b>Roundtable Discussion</b> <b><i>Economics and Governance for the Energy Transition</i></b> <u>(UPB Central Library – 2nd Floor – Room 2.1)</u></p> <p>Chair: Dr Lidia Borrell-Damian, Director for Research &amp; Innovation, EUA; UNI-SET Project Coordinator</p> <ul style="list-style-type: none"> <li>- <i>Prof. Johan Driesen, KU Leuven; Member of the ETIP Smart Networks for the Energy Transition, Belgium</i></li> <li>- <i>Dr Ioan Hategan, Manager, Department DTDR, Transelectrica, Romania</i></li> <li>- <i>Prof. Arturo Lorenzoni, University of Padova; IEFE, Bocconi University, Italy</i></li> <li>- <i>Ana Otilia Nutu, Energy Policy Analyst, Expert Forum, Romania</i></li> <li>- <i>Prof. Tadeusz Skoczkowski, Department of Rational Use of Energy, Warsaw University of Technology; Member, Horizon 2020 Advisory Group on Energy, Poland</i></li> <li>- <i>Dr Eng. Silvia Vlăsceanu, CEO, Federation of Associations of Energy Utility Companies (ACUE)</i></li> </ul>
13.00-13:15	<p><b>Closing Ceremony</b> <u>(UPB Central Library – 2nd Floor – Room 2.1)</u></p> <ul style="list-style-type: none"> <li>- <i>Mihnea Costoiu, Rector, University Politehnica of Bucharest</i></li> </ul> <p><b>Announcement of the 4th UNI-SET Energy Clustering Event at Imperial College London, United Kingdom</b></p> <ul style="list-style-type: none"> <li>- <i>Prof. Tim Green, Director, Energy Futures Lab, Imperial College London</i></li> </ul>
13.15-13.45	<p><b>Farewell Lunch</b> <u>(UPB Central Library – 2nd Floor)</u></p>