EERA JPSC Winter Event 2023

16th RDPE Conference, Warsaw

01 Dec 2023

Novotel Warszawa Centrum

**Agenda**

Friday, December 1

*Novotel Warszava Centrum, Marszałkowska 94/98*

| **Time** | **Activity** |
| --- | --- |
|  | **Introduction**  **Chairwoman prof. Dorota Chwieduk** |
| **09:00 – 10:00** | * **Welcome speech**   Dorota Chwieduk, Professor DSc PhD, Institute of Heat Engineering, Faculty of Power and Aeronautical Engineering, Warsaw University of Technology   * **EERA Joint Program Smart Cities: What is EERA JPSC and how to get involved?**   Annemie Wyckmans, Professor and Head of NTNU Smart Sustainable Cities, EERA JPSC Coordinator, Norwegian University of Science and Technology (NTNU)   * **European Energy Research Alliance: Catalyzing European energy research for a climate-neutral society by 2050**   Maria Luisa Fernandez Vanoni, Communications Manager, EERA Secretariat, Brussels   * **Towards the climate neutrality in Warsaw**   Leszek Drogosz, Deputy Director of the Infrastructure Department City of Warsaw |
|  | **About EERA JPSC Working Groups**  **Chairwoman prof. Annemie Wyckmans** |
| **10:00 – 11:00** | * **EERA JPSC Working Group: Sustainable Buildings**   Giovanni Semprini, Associate Professor, DIN - Department of Industrial Engineering, University of Bologna   * **EERA JPSC Working Group: Smart and Liveable Neighbourhoods and Communities**   Michal Kuzmic, Head of Multidisciplinary Collaboration & Urban Innovation Manager, Czech Technical University in Prague   * **EERA JPSC Working Group: Smart Cities**   Sonia Giovinazzi, Dr.Eng, PhD, Adjunct Associate Professor, Sapienza University of Rome, Department of Structural and Geotechnical Engineering, ENEA R&D Project Manager, World Bank Consultant   * **Q&A** |
| **11:00 – 11:30** | Coffee break |
|  | **Thematic seminar 1: Towards the Smart Energy Sector and Smart Energy Services**  **Chairman/Moderator prof. Wojciech Bujalski** |
| **11:30 – 13:00** | * **Introduction to seminar** * **Scaling from PEB to PED**   Per Sieverts Nielsen, Senior Researcher, PhD, Energy Policy and Modelling  Sustainability Division, Department of Technology, Management and Economics, DTU Management, Technical University of Denmark   * **Mapping the PEDs: lessons learned with the PED-EU-NET Database**   Michal Kuzmic, Head of Multidisciplinary Collaboration & Urban Innovation Manager, Czech Technical University in Prague   * **The role of Building automation and control systems (BACS) in buildings according to the new Energy Performance of Buildings Directive (EPBD)**   Giovanni Semprini, Associate Professor, DIN - Department of Industrial Engineering, University of Bologna   * **Smart Resilient and Sustainable Energy Distribution and Transmission Systems**   Alberto Tofani, PhD, Researcher, Italian National Agency for New Technologies, Energy and Sustainable Economic Development   * **Q&A** |
| **13:00 – 14:00** | Lunch break |
| **14:00 – 15:00** | **Thematic seminar 2: Smart technologies as a driver of Smart Cities with a focus on the energy sector and energy services**  **Chairman/Moderator prof. Tadeusz Skoczkowski** |
|  | * **Facilitating positive energy buildings and neighbourhoods – Digital Building Logbooks (DEMOBlog) and Affordable Neighbourhood Renovations (SHAPE-EU)**   Henk Visscher, Prof. dr. ir. Professor Housing Quality and Process Innovation, Director TU Delft Urban Energy institute, Delft University of Technology   * **Digital Twins for the City Design**   Agattino Rizzo, Professor of Architecture, Luleå University of Technology (TBC)   * **What are the advantages of creating a digital twin as a basis for optimising district energy systems?**   Gerhard Stryi-Hipp, Head of Smart Cities Group, Fraunhofer ISE |
| **15:00 – 16:00** | * **Wrap-up of morning and afternoon sessions**   Wojciech Bujalski prof.  Dorota Chwieduk, prof.  Annemie Wyckmans, prof. |