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** |
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|  | **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**
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| **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 ModellingSustainability 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**
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| **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. |