



EERA JP e3s Conference “Fostering changes in energy consumption: a pathway to demand reduction”

AGENDA

Location: [Accademia Galileiana di Scienze, Lettere ed Arti, Sala del Guariento, Via Accademia, 7, 35139, Padova \(PD\), Italy](#)

THURSDAY, 26 OCTOBER 2023

09:00 – 09:15	Welcome & Introduction	<p style="text-align: center;">Alessandro Sciuolo EERA JP e3s coordinator, <i>University of Torino</i></p> <p style="text-align: center;">Mara Thiene Rector's Delegate Joint Degree and International Ranking, <i>University of Padova</i></p> <p style="text-align: center;">Antonio Parbonetti Vice Rector for Finance and Organization, <i>University of Padova</i></p> <p style="text-align: center;">Paolo Mattavelli Director, Interdepartmental Centre “Giorgio Levi Cases” for Energy Economy and Technology</p>
9.15 – 10.00	Opening keynote speeches	
9.15 – 9.35	Net Zero (Growth) by 2050	Adel El Gammal Secretary General, <i>EERA</i>
9.35 – 10.00	The concept and role of sufficiency in fostering a sustainable and just energy transition	Yves Marignac Senior advisor on energy transition and scenarios, spokesperson, <i>négaWatt group</i>
10.00 – 10.50	1st session – Behavioural change (part 1)	
10.00 – 10.10	Role of population heterogeneities in energy consumption behaviour	Omkar S. Patange <i>International Institute for Applied Systems Analysis (Austria)</i>
10.10 – 10.20	The behavioural dimension of energy customers: A framework to deal with barriers to customer engagement	Daniele Stampatori <i>European University Institute (Italy)</i>
10.20 – 10.30	Energy Communities: what is the impact of members’ habits on fossil fuel consumption?	Gianluca Carraro <i>University of Padova (Italy)</i>
10.30 – 10.50	Discussion	Moderated by: Mara Thiene



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Coffee break (30')		
11.20 - 12.10	2nd session - Behavioural change (part 2)	
11.20 - 11.30	Save energy - make it a habit	Tiina Koljonen <i>VTT Technical Research Centre of Finland (Finland)</i>
11.30 - 11.40	Investigation of energy behaviour and behavioural change in the Norwegian energy system based on smart metering data	Stine Fleischer Myhre <i>Institute for Energy Technology (Norway)</i>
11.40 - 11.50	Cultural audience engagement for the clean energy transition: opportunities and evidence	Ezilda Costanzo <i>ENEA (Italy)</i>
11.50 - 12.10	Discussion	Moderated by: Mara Thiene Rector's Delegate Joint Degree and International Ranking, <i>University of Padova</i>
12.10 - 13.00	3rd session - Energy Efficiency (part 1)	
12.10 - 12.20	The role of building mass upgrade in the energy system transition - A Norwegian case study	Kristina Haaskjold <i>Institute for Energy Technology (Norway)</i>
12.20 - 12.30	A value-based framework from Building Stock Model to Retrofit Model	Ivett Flores <i>Technical University of Braunschweig (Germany)</i>
12.30 - 12.40	Renewable energy communities, digitalization and information	Marina Bertolini <i>University of Padova (Italy)</i>
12.40 - 13.00	Discussion	Moderated by: Ayşen Sivrikaya Professor, <i>Hacettepe University</i>
Lunch (60')		
14.00 - 15.15	4th session - Energy Efficiency (part 2)	
14.00 - 14.10	The Role and Impact of Energy Efficiency in the Decarbonization of Industry	Herbert Zondag <i>TNO (The Netherlands)</i>
14.10 - 14.20	The role of industrial zone in Renewable Energy Community (REC)	Elena Mazzola <i>University of Padova (Italy)</i>
14.20 - 14.30	Energy efficiency in the commercial rented sector and verification of rebound effect after PV system installation in shopping center in Spain	Luciano De Tommasi <i>International Energy Research Centre (Ireland)</i>
14.30 - 14.40	Promoting reduction of energy demand and climate adaptation through integrated simulation tools and indicators: A recent case study	Maria Beatrice Andreucci <i>University of Rome "La Sapienza" (Italy)</i>



14.40 - 14.50	The need of flexibility in the hydropower sector: an European overview	Giovanna Cavazzini <i>University of Padova (Italy)</i>
14.50 - 15.15	Discussion	Moderated by: Ayşen Sivrikaya Professor, Hacettepe University
Coffee Break (30')		
15.45 - 16.30	5th session - Energy Sufficiency	
15.45 - 15.55	Production, distribution and applications of H2 in a clean energy system	Vito di Noto <i>University of Padova (Italy)</i>
15.55 - 16.05	A low-demand energy scenario for Europe modelled in PyPSA-EUR.	Tareen Muhammad Umair <i>University of Liège (Belgium)</i>
16.05 - 16.15	For an Energy Sufficiency First Principle in EU energy law	Romain Mauger <i>The Iberian Energy Storage Research Center (CIAE) (Spain)</i>
16.15 - 16.30	Discussion	Moderated by: Alessandro Sciallo EERA JP e3s coordinator, <i>University of Torino</i>
16.30 - 17.15	Concluding keynote speech	
16.30 - 17.15	The sociotechnical dynamics and equity dimensions of energy efficiency, smart meters and smart homes	Benjamin Sovacool Professor of Earth and Environment, <i>Boston University</i> ; Professor of Energy Policy, <i>University of Sussex</i> ; University Distinguished Professor of Business and Social Sciences, <i>Aarhus University</i>
17.15 - 17.30	Conclusion	
17.15 - 17.30	Concluding remarks	Alessandro Sciallo EERA JP e3s coordinator, <i>University of Torino</i> Mara Thiene Rector's Delegate Joint Degree and International Ranking, <i>University of Padova</i>