

EERA Joint Workshop – JPs ES, e3s, CSP, DfE
“SMART OPERATION OF ENERGY STORAGE TECHNOLOGIES
IN FUTURE ENERGY MARKETS”

13-14 May 2025, Madrid

Invited Speakers



Eugenio Domínguez Amarillo
[HESStech](#) - Spain

Eugenio Domínguez Amarillo, a telecommunications engineer from the University of Seville, began his career in 1999 at the university's Electronic Technology Group, working on industrial R&D projects. From 2005 to 2008, he led the power electronics and renewable energy lab, overseeing multiple projects. He has contributed to over 60 R&D projects and published more than 25 high-impact articles. In 2008, he founded Win Inertia, developing the Hybrid Energy Storage concept, which later became the foundation of HESStec, co-founded in 2018. At HESStec, he leads strategy and technological development. He holds 10 patents focused on energy storage integration and has promoted five other business initiatives in sectors like energy and biotechnology. Currently, he is Vice President of AEPIBAL, representing over 200 companies in the energy storage sector and actively participates in technical and regulatory working groups on energy transition at both national and European levels.



Raúl García Posada
[ASEALEN](#) - Spain

Civil Engineer by the University Alfonso X “el Sabio” of Madrid, Master in Renewable Energy and Energy Market by the “Escuela de Organización Industrial” and Executive MBA by IESE Business School. He has developed his professional career in the area of infrastructure and energy, participating in civil works construction projects, renewable energy business development, electricity transport infrastructure concessions and renewable energy asset management, work done mainly in the Elecnor Group in the markets of Spain and Chile. Due to his career, he has experience in the complete development of projects, from their origin to their commercial operation and sale, through construction, financing, commissioning and operation. He is currently Director of ASEALEN, the Spanish Energy Storage Association, having previously held the position of Secretary General of PROTERMOSOLAR, Spanish Association for the Promotion of the Solar Thermal Industry.



Magdalena Graczyk-Zajac
[EnBW](#) - Germany

Magdalena Graczyk-Zajac works on optimization and efficient operation of stationary storage installations including testing and evaluation of innovative storage solutions at EnBW AG in Karlsruhe/Stuttgart, Germany. Sodium-based stationary storage is in a focus of her research and professional interest. She is also involved in the activities of EnBW related to the extraction of lithium from geothermal sources. She is a deputy coordinator of the Horizon 2020 EU granted project SIMBA (Sodium Ion and Sodium Metal Batteries, Grant Agreement no. 963542). From September 2023 she holds a visiting Professorship in Materials and Resources Division, Material Science Department of TU Darmstadt. Magda studied Chemistry at Technical University of Gdansk in Poland and received her PhD in Physical Chemistry on electroactivity of organometallics-modified conducting polymers at Burgundy University, Dijon, France in 2007. Then she moved to CEA Liten Grenoble, France to work as a research engineer on novel electrodes and electrolytes for Li-ion batteries. Later, she moved back to academia and continued her research on polymer-derived ceramics for energy-related applications as a postdoc and later Junior Group Leader in Material Science Department of TU Darmstadt, Germany. In May 2020 she joint R&D division of EnBW.



Ivan Matejak
[EERA](#) - Belgium

Ivan Matejak is the Director SET Plan & Strategic Programming at the European Energy Research Alliance (EERA), where he focuses on advancing sustainable energy research and innovation. He plays a key role in coordinating collaborative initiatives across Europe aimed at accelerating the transition towards renewable energy solutions. Ivan's expertise lies in energy policy, technology development, and fostering partnerships between academia, industry and policymakers. His strategic role helps shape strategies that drive clean energy initiatives and promote low-carbon technologies in alignment with European energy goals.

Ivan holds a PhD in Geopolitics, Geostrategy and Geo-economy from the University of Trieste.



Myriam E. Gil Bardají
[KIT](#) - Germany

Myriam E. Gil Bardají is a senior research manager and business developer at the Karlsruhe Institute of Technology in Germany. She has been working in the field of energy storage research for almost 20 years. Since 2022, she has led EERA'S Joint Programme on Energy Storage, establishing a long-term coordinating research effort in the field of energy storage at European level. She is also a deputy coordinator of the Horizon 2020 EU granted project StoRIES (Storage Research Infrastructure Eco-System, GA No 101036910). She is a highly experienced research programme manager who has participated in more than 10 European projects on energy storage, including three as co-coordinator, and has authored over 40 peer-reviewed publications. She studied Chemistry at the University of Zaragoza in Spain and in 2006 she received her PhD in Supramolecular Chemistry by the Technical University of Dortmund, Germany. In 2007 she started as postdoctoral researcher in the field of solid-state hydrogen storage at the Institute of Nanotechnology and later on as senior researcher at the Institute for Micro Process Engineering at KIT.



Ricardo Sánchez
[Plataforma Solar de Almería](#) -
Spain

Ricardo Sánchez holds a PhD in Environmental Chemistry from the University College London. He is a research scientist of the Materials for Concentrating Solar Thermal Technologies Unit at the Plataforma Solar de Almería, with high experience in R&D projects management in all phases of funds requesting, project development and technical/financial justification at national and European level. The latest projects in which he has participated are STAGE-STE, INSHIP, and SFERA-III. From 2014 to 2022 he was responsible for coordinating the access to the ICTS-Plataforma Solar de Almería.

Currently, he is coordinating the EERA Joint Programme on Concentrating Solar Power. He has participated in 9 R&D projects, being the last 5 projects in the area of solar thermal energy, and he is co-author of 4 book chapters and co-author of 17 publications in SCI journals.



Alessandro Sciullo
[University of Turin](#) - Italy

Alessandro Sciullo is Researcher in Environmental Sociology at the University of Turin (Italy) and Senior Consultant at the Socio-Economic Research Institute (IRES Piemonte) of the Piedmont Region, Italy. He has been researching for the past 20 years in the fields of public policy implementation and evaluation, local development and innovation policies and the social dimensions of the ecological and energy transition. Involved in many Horizon 2020 and Horizon Europe projects on sustainability and energy related topics, he focused mostly on the analysis of Renewable Energy Communities, social impact assessments and public engagement.

He is the coordinator of the Joint Programme Clean Energy Transition for a Sustainable Society of the European Energy Research Alliance.



Jose A. Moríñigo
[CIEMAT](#) - Spain

José A. Moríñigo is a senior researcher at the Department of Technology at the Centre for Energy, Environmental, and Technological Research (CIEMAT) in Spain. He holds a Ph.D. in Aeronautical Engineering from the Polytechnic University of Madrid (2004) and has extensive experience in fluid dynamics numerical simulation, parallel solvers, and supercomputing applied to aerospace propulsion, which he developed during his tenure at the National Institute for Aerospace Technology (INTA) in Spain until 2015. Since 2009, he has been a lecturer in space propulsion at the School of Industrial Engineering in Bilbao (Basque Country), Spain. In 2015, he joined the SciTrack group at CIEMAT, where he currently leads the Numerical Linear Algebra and Partial Differential Equations Solving track, focusing on high-performance computing (HPC) solvers integrated with AI techniques to enhance scalability and performance. He has authored over 60 publications, supervised 15 master's and doctoral theses, and contributed to more than 20 projects at both national and international levels, primarily in the fields of Aerospace and Computer Science, with a strong emphasis on exascale HPC and its application to energy