Academic program (DAY 1. Monday, May 17th)

May 17th AM	

	9:00-9:30 Welcome
	9:30-10:30 **ENERGY STORAGE**
	    Overview of renewable energy conversion and storage technologies, *Jan Philipp Hofmann (TUDA)*
	    Thermal Energy Storage, *Justin NW Chiu (KTH)*
	    Mechanical Energy Storage-Flywheel, *Stephan Rinderknecht (TUDA)*
	10:30-11:00 Coffee break / networking with moderator
	11:00-12:00 **FUEL CELLS**
	    High and low temperature fuel cells for stationary and transport applications; current status, challenges and future perspectives, *Massimo Santarelli/Federico Smeacetto (POLITO) & Rakel Wreland Lindström (KTH)*
	12:00-12:30 PhD testimonial on Area A (including the life of a PhD student in university U1)
	12:30-2:00 Lunch break

May 17th PM	

	2:00-2:30 Introduction to serious games
	2:30-3:30 **ELECTROCHEMICAL ENERGY STORAGE SYSTEMS: PRESENT ADVANCES AND FUTURE CHALLENGES**
	    Li-based batteries towards the next decade, *Claudio Gerbaldi (Politecnico di Torino)*
	    Fit for purpose asymmetric supercapacitors - Filling the gap between ultracapacitors and batteries, *Fatima Montemor (UL)*
	    Redox flow batteries for renewable energy storage, *Rakel Wreland Lindström (KTH)*
	    Advanced operando characterizations of batteries at large scale facilities, *Claire Villevieille (UGA)*
	3:30-4:00 Coffee break / networking with moderator
	4:00-5:00 **HYDROGEN --** GENERATION & PRODUCTION
	    How to produce hydrogen? Electrolysis and catalytic routes, *Florence Druart (UGA) & Jordi llorca (UPC)*
	5:00-5:30 PhD testimonial on Area B (including the life of a PhD student in university U2)

	5:30-… **SPATIAL CHAT – Social event**

Academic program (Day 2. Tuesday, May 18th)

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May 18th AM	**9:30-10:30 CATALYSTS** Catalysts for energy applications – From State-of-the art to future perspective, *Ulrike I. Kramm (TUDA) & Stefania Specchia (POLITO)* 10:30-11:00 Coffee break / networking with moderator **11:00-12:00 HYDROGEN -- APPLICATIONS & FINAL USES** Green hydrogen for carbon-free and carbon-neutral energy conversion, *Andrea Lanzini (POLITO) & Christan Hasse (TUDA)* 12:00-12:30 PhD testimonial on Area C (including the life of a PhD student in university U3)
May 18th PM	12:30-2:00 BUSINESS LUNCH (presentation by external stakeholder) 2:00-3:30 Serious game #1 3:30-4:00 Coffee break / networking with moderator **4:00-5:00 SUSTAINABLE NUCLEAR** Generation IV Fission Reactors, *Elsa Merle (UGA)* Materials Modelling and Development for Nuclear Reactors*, Andrea Sand (AALTO)* Shall we ever see a kWh from a Fusion Reactor?, *Roberto Zanino (POLITO)* 5:00-5:30 PhD testimonial on Area D (including the life of a PhD student in university U4)
	5:30-… **SPATIAL CHAT – Social event**

Academic program (DAY 3. Wednesday, May 19th)

May 19th AM	**9:30-10:30 SMART GRIDS** What is a smart grid, *Lennart Söder (KTH)* Microgrids as elementary cells of smart grids, *Vincent Debusschere (UGA)* 10:30-11:00 Coffee break / networking with moderator **11:00-12:00 BIOENERGY** LCA of bioenergy systems – Methods and Issues in accounting lifecycle GHG emissions, *Dilip Khatiwada (KTH)* Biotechnological processes for energy production, *Tonia Tommasi (POLITO)* Biofuel & bioenergy chains and policies, *David Chiaramonti (POLITO)* 12:00-12:30 PhD testimonial on Area E (including the life of a PhD student in university U5)
May 19th PM	12:30-2:00 BUSINESS LUNCH (presentation by external stakeholder) 2:00-3:30 Serious game #2 3:30-4:00 Coffee break / networking with moderator **4:00-5:00 SMART ENERGY SYSTEMS** Future renewable-energy-based smart grids, *Eduardo Prieto Araujo (UPC)* Interaction between smart grid and other energy vectors, *Ettore Francesco Bompard or Gianfranco Chicco (POLITO)* 5:00-5:30 Wrap-up and closure

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