



MSCA – European Training Network

3rd POLYSTORAGE Workshop



“Polymer electrolytes and ionic liquids for energy storage”



30th November – 1st December 2021, Ulm/online



Info & registration: www.polystorage-etn.eu

Organised by:



Program:

Tuesday, 30th November 2021, 14:00 - 17:30 CET

- **Polymer electrolytes, further improvements** – Michel Armand (CIC energiGUNE)
- **Protic ionic liquids: Stand-alone systems and components for polymer electrolytes** – Andrea Mele (Politecnico di Milano)
- **Using materials modelling for solid polymer electrolytes** – Daniel Brandell (Uppsala University)
- **Ionic liquid-based polymer electrolyte systems for lithium cells** – Gianni Appetecchi (ENEA)
- **Crosslinked polymer electrolytes encompassing RTILs for solid-state batteries operating at ambient temperature** – Claudio Gerbaldi (Politecnico di Torino)

Wednesday, 1st December 2021, 08:30 - 12:30 CET

- **Polymer-in-salt electrolytes based on polymerisable ionic liquids (PILs) with enhanced ion dynamics** – Maria Forsyth (Deakin Univeristy)
- **In situ polymerized polymer electrolyte** – Guanglei Cui (Qingdao Institute of Bioenergy and Bioprocess Technology)
- **Single-ion conducting polymer electrolytes and the application in lithium batteries** – Yunfeng Zhang (China University of Geosciences)
- **PEO-IL-Na salt for Na/intercalation compound and Na/seawater cells** – Maider Zarrabeitia (Helmholtz Institute Ulm)
- **Hybrid electrolytes for Li metal batteries batteries** – Zhen Chen (Helmholtz Institute Ulm)
- **A roadmap to the industrialization of ionic liquid-based electrolytes** – Pierre-Alexandre Martin (Solvionic)



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