



MSCA – European Training Network

## 3<sup>rd</sup> POLYSTORAGE Workshop

“Polymer electrolytes and ionic liquids for energy storage”

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

## AGENDA

Info & registration: [www.polystorage-etn.eu](http://www.polystorage-etn.eu)

Organised by:



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## Agenda

All times in Central Europe Time (CET)

**November 30, 2021**

**13:00** On site Registration ( POLYSTORAGE members only)  
(light meal – finger food available for on site participants)

**14:00** Online connection open

**14:15** Workshop Opening – Safety instructions and Welcome

**14:30** Michel Armand (CIC energiGUNE) Online  
*Polymer electrolytes, further improvements*

**15:00** Andrea Mele (Politecnico di Milano) On site  
*Protic Ionic Liquids: stand-alone systems and components for polymer electrolytes*

**15:30** Daniel Brandell (Uppsala University) Online  
*Using materials modelling for solid polymer electrolytes*

**16:00** Coffee break

**16:30** Gianni Appetecchi (ENEA) On site  
*Ionic liquid-based polymer electrolyte systems for lithium cells*

**17:00** Claudio Gerbaldi (Politecnico di Torino) Online  
*Crosslinked polymer electrolytes encompassing RTILs for solid-state batteries operating at ambient temperature*

**19:00** Dinner (POLYSTORAGE members only)



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**December 1, 2021**

**8:30 Maria Forsyth (Deakin University) Online**

*Polymer-in-salt electrolytes based on polymerisable ionic liquids (PILs) with enhanced ion dynamics*

**9:00 Guanglei Cui (Chinese Academy of Sciences) Online**

*In situ polymerized polymer electrolyte*

**9:30 Yunfeng Zhang (China University of Geosciences) Online**

*Single-ion conducting polymer electrolytes and the application in lithium batteries*

**10:00 Coffee break**

**10:30 Maider Zarrabeitia (Helmholtz Institute Ulm) On site**

*PEO-IL-Na salt for Na/Intercalation compound and Na/seawater cells*

**11:00 Zhen Chen (Helmholtz Institute Ulm) On site**

*Hybrid Electrolytes for Li metal batteries*

**11:30 Pierre-Alexandre Martin (Solvionic) On site**

*A roadmap to the industrialization of ionic liquid-based electrolytes*

**12:00 Closing remarks**

