

## Sunday, August 31<sup>st</sup>

- 15.00 – 17.00  Registration and Mix-together
- 17.00 – 17.30 **S. Carroccio** (Catania, Italy), **E. Drockenmuller** (Lyon, France), **R. Bouchet** (Grenoble, France): Opening ceremony
- 17.30 – 19.00 **Michel Armand** (CIC energiGUNE, Spain) Polymer electrolytes at half a century
- 19.00 – 21.00 **Pasta party**

## Monday, September 1<sup>st</sup>

- 9.00 – 10.30 **Jean-François Gohy** (Leuven, Belgium) Novel approaches towards polymer-based electrolytes for lithium metal batteries
- 10.30 – 11.00  Break
- 11.00 – 12.30 **Brett Helms** (Berkeley, USA) Omics: a data-driven understanding of evolutionary phenomena in organic battery materials
- 12.30 – 14.30  Lunch
- 14.30 – 16.00 **Daniel Brandell** (Uppsala University, Sweden) Key properties of SPEs based on alternative (non-polyether) polymer hosts
- 16.00 – 16.30  Break
- 16.30 – 18.00 **Maria Forsyth** (Deakin University, Australia) Poly(ionic liquids) as next generation solid state electrolytes for high energy density metal batteries
- 18.00 – 20.00  **Poster session with Romagna's Aperitif**

## Tuesday, September 2<sup>nd</sup>

- 9.00 – 10.30 **Dominic Bresser** (Helmholtz Institute Ulm, Germany) Charge transport in liquid, solid and "hybrid" electrolytes
- 10.30 – 11.00  Break
- 11.00 – 12.30 **Monika Schönhoff** (Münster, Germany) Ion transport studies by gradient NMR techniques
- 12.30 – 14.00  Lunch

**FREE AFTERNOON (Social activity)**

## Cutting-edge polymer materials for future battery technologies

### Wednesday, September 3<sup>rd</sup>

- 9.00 – 10.00 **Holger Frey** (Mainz, Germany) Recent Advances in Polyether Synthesis and Architectures: Perspectives for Polymer Electrolytes
- 10.00 – 11.00 **Claudio Gerbaldi** (Politecnico Torino, Italy) Tailoring polymer-based electrolytes via crosslinking: towards safer, sustainable solid-state batteries
- 11.00 – 11.30  Break
- 11.30 – 12.30 **Trang Phan** (Marseille, France) Block copolymer electrolytes for lithium battery application - Which is best, neutral or single-ion block copolymers
- 12.30 – 14.30  Lunch
- 14.30 – 16.00 **Robert Dominko** (NIC, Slovenia) Designed interfaces in all solid state polymer batteries
- 16.00 – 16.30  Break
- 16.30 – 17.30 **Kai Liu** (Tsinghua University, China) Asymmetrical lithium salt for lithium batteries
- 18.00 – 23.00 **Conference dinner and poster awards**

### Thursday, September 4<sup>th</sup>

- 10.00 – 11.00 **Alexander Shaplov** (LIST, Luxemburg) How to design conductive poly(ionic liquid) and to avoid mistakes with measurements
- 11.00 – 12.00 **Irene Villaluenga**, (Polymat/UPV-EHU, Spain) Ex-situ/operando rheology as a tool for understanding solid-state electrolytes in lithium batteries
- 12.00 – 12.15 **E. Drockenmuller** (Lyon, France): Closing ceremony
- 12.15 – 14.00  Lunch
- 14.15  Shuttle Departure for Bologna Airport and Bologna train station