Program of oral presentations

Wednesday 7

19:00 **Welcome Party & Registration Desk**

Location: 'The Orangery' (***Orangeriet***, Linnéträdgården Svartbäcksgatan 27, Uppsala)

Thursday 8

08:15 **Registration Desk**

09:15 **Welcome Address**

SESSION 1 **Chairman: Philippe POIZOT**

Keynote Lecture

09:30 **KEY1** *Polymers for High-density and Fast Charging Batteries*
Kenichi OYAIZU, Department of Applied Chemistry, Waseda University, Japan

Oral

10:00 **O1** *Composite electrode materials based on organometallic polymers and polymers bearing free nitroxyl radicals*
Oleg LEVIN, Saint Petersburg State University, Russia

10:20 COFFEE BREAK

SESSION 2 **Chairman: Franck DOLHEM**

10:40 **O2** *Analytical tool for organic batteries: in-operando ATR-IR spectroscopy*
Tanja BANCIC, National Institute of Chemistry, Slovenia

11:00 **O3** *Organic redox-flow batteries*
Lionel DUBOIS, Université Grenoble-Alpes, France

11:20 **O4** *Ionic Modification of TEMPO and its Application in a Hybrid TEMPO/Zn Redox Flow Battery*
Ruiyong CHEN, KIST Europe & Saarland University, Germany

11:40 **O5** *Highly water-soluble organic dyes as potential bifunctional analytes for redox flow batteries*
Javier CARRETERO-GONZALEZ, Institute of Polymer Science and Technology, Madrid, Spain

12:00 LUNCH

SESSION 3 — Chairman: Daniel BRANDELL

Keynote Lecture

13:30 **KEY2** *Organic materials for lithium battery*
Fannie ALLOIN, University Grenoble Alpes, CNRS-LEPMI, France

Oral

14:00 **O6** *Redox polymers as electrode-active materials for organic batteries*
Birgit ESSER, University of Freiburg, Germany

14:20 **O7** *Conducting Redox Polymer Based Batteries*
Martin SJODIN, Uppsala University, Sweden

14:40 **O8** *Electroactive and electroresponsive polymer films*
Clemens LIEDEL, Max Planck Institute of Colloids and Interfaces, Germany

15:00 COFFEE BREAK

SESSION 4 — Chairman: Steven RENAULT

Oral

15:30 **O9** *Towards commercially viable organic electrodes?*
Thibaut GUTEL, CEA-LITEN Grenoble, France

15:50 **O10** *2,5-Pyridinedicarboxylates as Organic Anode Materials for Li- and Na-Ion Batteries*
Abhinav TRIPATHI, National University of Singapore, Singapore

16:10 **O11** *Toward the conception of higher performance conjugated lithium carboxylate as negative electrode for Li-ion battery*
Matthieu BECUWE, University of Picardy Jules Verne & RS2E Amiens, France

16:30 POSTER SESSION

19:00 CONFERENCE DINNER

Location: 'Café Ångström' (Uppsala University)

Friday 9

SESSION 5 — Chairman: Daniel BRANDELL

Keynote Lecture

09:00 **KEY3** *Polymeric electrode materials for mobile and stationary energy-storage solutions*
Ulrich S. SCHUBERT, Friedrich Schiller University Jena, Germany

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09:30 **PS** *A new Energy Storage Technology for the Internet-of-things*
Andreas WILD, Evonik Creavis GmbH, Germany

Oral

10:00 **O12** *High Capacity Organic Active Materials Carrying Naphthazarin Skeleton*
Masaru YAO, National Institute of Advanced Industrial Science and Technology (AIST), Japan

10:20 **O13** *Synthesis and charge storage characteristics of anthraquinone substituted poly(norbornene)*
Takuma KAWAI, Department of Applied Chemistry, Waseda University, Japan

10:40 COFFEE BREAK

SESSION 6 — Chairman: Philippe POIZOT

Keynote Lecture

11:00 **KEY4** *Designing Redox-active Polymers for Safe and Low-cost Energy Storage*
Yan YAO, University of Houston, Texas, USA

11:30 **KEY5** *Stabilisation of redox active organic materials in batteries*
Robert DOMINKO, National Institute of Chemistry, Ljubljana, Slovenia

12:00 LUNCH

SESSION 7 — Chairman: Franck DOLHEM

Keynote Lecture

13:30 **KEY6** *Novel -C=N- based Systems for large scale Organic Rechargeable Batteries*
Elizabeth CASTILLO MARTINEZ, University of Cambridge, United Kingdom

Oral

14:00 **O14** *Electrochemical Behavior of PEDOT/Lignin in Ionic Liquid Electrolytes: Suitable Cathode/Electrolyte System for Sodium Batteries*
Nerea CASADO, POLYMAT / University of the Basque Country, Donostia-San Sebastián, Spain

14:20 **O15** *Triptycene-based Multi-Quinone Molecules for High Capacity and High Energy Organic Cathode Materials in Lithium-Ion Battery*
Ji Eon KWON, Seoul National University, South Korea

14:40 Closing Remarks

15:00 COFFEE

15:30 Board of Organic Battery Days – Discussions for the next event