



ELEN2018 - PROGRAMME

WEDNESDAY 13 JUNE 2018

- 9h15-9h30 – Conference Opening
- 9h30-10h15 – Invited Lecture - M. V. Reddy, National University of Singapore, Singapore
Electrospun Nb, Ti, and Fe based oxide nanofibers and their Electrochemical Properties
- 10h15-10h40 – I. Bezza, University François Rabelais Tours, France
Electrospray synthesis of LiCoO₂ and Li₄Ti₅O₁₂ thin films as positive and negative electrodes for Lithium-ion batteries
- 10h40-11h10 – Coffee Break
- 11h10-11h55 – Invited Lecture – J-K. Kim, The Hong Kong University of Science & Technology, Hong Kong
Electrospun carbon nanofiber composites for high performance rechargeable batteries
- 11h55-12h20 - T. Nann, Victoria University of Wellington, New Zealand
Electro-spun electrodes for aluminium ion batteries
- 12h20-12h45 – M. Gehring, Forschungszentrum Jülich, Germany
Influence of Processing Parameters on Electrochemical Performance of Carbonised Electrospun PAN Fibre Mats as Electrodes in Aqueous Alkaline Metal-Air Batteries
- 12h45-14h30 – Lunch
- 14h30-15h15 - Invited Lecture - C. Laberty, Sorbonne University, France
Ion Conducting Membrane Elaborated by Electrospinning
- 15h15-15h40 - S. Yadav, University of Waterloo, Canada
High surface-to-volume electrodes for flow batteries via electrospinning of flat fibers

- 15h40-16h05 - R. Marschall, Justus-Liebig-Universität Giessen, Germany
Electrospinning to prepare mesostructured photocatalysts and photoelectrodes
- 16h05-16h30 - K. De Clerck, Ghent University, Belgium
Electrospinning of silica fibres without carrier polymer for advanced applications
- 16h30-18h30 - Poster session and Coffee Break

THURSDAY 14 JUNE 2018

- 9h30-10h15 - Invited Lecture - Y. Ponomarev, Elmarco s.r.o., Czech Republic
Electrospun materials based on high-performance polymers applied for energy devices. From laboratory up to industrial scale.
- 10h15-10h40 – M.S. Mu'min, IMTEK, University of Freiburg, Germany
Towards more hydrophilic proton-exchange membranes: Adjusting the wetting properties by electrospinning PVDF-HPF/PVP blends
- 10h40-11h10 – Coffee Break
- 11h10-11h55 – Invited Lecture – L. Merlo, Solvay, Belgium
Centrifugal-spinning technology and its applications for energy
- 11h55-12h40 – M. Zaton, ICGM AIME, Montpellier University, France
Functional electrospun nanofibre scaffolds for PEM fuel cell membranes with enhanced mechanical and chemical stability
- 12h40-14h30 - Lunch
- 14h30-15h15 – Invited Lecture - D. Cornu, ENSCM, Montpellier, France
Electrospinning for bioenergy
- 15h15-15h40 – J. Chamier, University of Cape Town, South Africa
Doped Tungsten Carbide nanofibers as PEM catalyst support materials

- **15h40-16h05 – F. Farina, ICGM AIME, Montpellier University, France**
Tailored PEMFC Catalyst Layer: Hierarchical Nanofibrous Electrodes
- **16h05-16h30 – Coffee Break**
- **16h30-16h55 – J.M. Lagaron, Novel Materials and Nanotechnology Group, IATA-CSIC, Spain**
High Throughput Coaxial Electrospinning to Generate Efficient Heat Storage Biomaterials
- **16h55-17h20 – N.I. Khamidy, University Grenoble-Alpes, LEPMI, France**
LaPrNiO_{4+δ} as innovative oxygen electrode for intermediate temperature solid oxide cells: role of active functional layer manufactured by electrostatic spray deposition
- **19h00 - Gala Dinner**

FRIDAY 15 JUNE 2018

- **9h30-10h15 – Invited Lecture – D. Pisignano, University of Pisa, Italy**
Electrospinning of active organic materials, functional polymers, and nanocomposites for photonics and energy harvesting
- **10h15-10h40 – H. Tempel, Forschungszentrum Jülich, Germany**
Study of gas-adsorption energies on PAN based electrospun carbon fibres
- **10h40-11h10 – Coffee Break**
- **11h10-11h35 - F. Spanu, ICGM AIME, Montpellier University, France**
Development of membranes for the co-electrolysis of CO₂ and H₂O
- **11h35-12h00 – A. Hofmann, ZIK SiLi-nano MLU Halle-Wittenberg, Germany**
Three-dimensional characterization of electrospun nanofibers by X-ray nano-CT
- **12h00-12h10 – End of the conference**