

CONFERENCE
SERIES



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4th International Conference on
**BATTERY AND FUEL CELL
TECHNOLOGY**

December 05-06, 2022 Paris, France

Latest Leading-Edge Discoveries
and Emphasize Current
Challenges in Battery and Fuel
Cell Technology

SCIENTIFIC PROGRAM

KEYNOTE FORUM

- 10:15 - 10:35** *Title: Electro-thermal modeling of lithium-ion battery packs from the safety perspective.*
Jennifer X Wen, University of Warwick, UK
- 10:35 - 11:00** *Title: Development and application of vanadium flow battery for energy storage .*
Huamin Zhang, Dalian Institute of Chemical Physics, China

- General Aspects of Battery
- Cell Batteries- Primary & Secondary
- Design and Technology of Batteries
- Operation Problems in Batteries
- Applications of Batteries
- Latest Developments of Batteries
- Renewable Sources and Grid Balancing
- Nanotechnology in Advance Batteries
- Global Outlook of Fuel Cell
- Classifications of Fuel Cell
- Applications of Fuel cells
- Recent Advancements in Fuel Cell Technology
- Supercapacitors vs Batteries
- Various Energy Materials

ORAL PRESENTATIONS

- 11:00 - 11:20** *Title: Engineered electrodes at nanoscale for energy storage devices.*
Vilas G Pol, Purdue University, USA
- 11:20 - 11:40** *Title: General equation of power behavior in fuel cells and its experimental application.*
María José Lavorante, Argentina
- 11:40 - 12:00** *Title: Improving the electrochemical performances of $\text{Li}_3\text{V}_2(\text{PO}_4)_3$ and $\text{LiTi}_2(\text{PO}_4)_3$ by ion doping.*
Kai Feng, Dalian Institute of Chemical Physics, China
- 12:00 - 12:20** *Title: Proton exchange membranes prepared from cross-linked and multi-block copolymers based on poly*
Dukjoon Kim, Sungkyunkwan University Suwon, Republic of Korea
- 12:20 - 12:40** *Title: Recent results of the development of redox flow batteries for storage of renewable energiesth*
Jens Noack, Fraunhofer-Institute for Chemical Technology, Germany
- 12:40 - 01:00** *Title: Decentral Hydrogen*
Paul Grunow, Trinity Solarbeteiligungen GmbH, Germany
- 01:00 - 01:20** *Title: Designing solid polymer electrolytes and electrodes for structural batteries*
Eunice Cunha, INEGI, Portugal

Speaker Slots are Available



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