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Tentative Program

2nd International Conference on

Battery and Fuel Cell Technology

July 27-28, 2017 Rome, Italy

Theme: "Probing the knowhow of Battery and Fuel Cell Technology"









For Available Speaker Slots

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Program at a Glance

Day 1

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	**General Session**
	at Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
Evening Sessions	11.00-12.40	5 Speakers (20 Mins Each)	
	Lunch Break 12.40-13.30		
	13.30-15.30	6 Speakers (20 Mins Each)	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	5 Speakers (20 Mins Each)	

19 Speakers for **Day 1**

Day 2

Evening Sessions Morning Session	Time	Session 1	Session 2
	09.00-10.40	5 Speakers (20 Mins Each)	Speakers (20 Mins Eac
	10.55-12.35	5 Speakers (20 Mins Each)	Speakers (20 Mins Eac
	Lunch Break 12.35-13.25		
	13.25-15.05	**5 Speakers (20 Mins Each)**	**Speakers (20 Mins Eac**
	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	**5 Speakers (20 Mins Each)**	**Speakers (20 Mins Eac**

40 Speakers on **Day 2**

Awards & Closing Ceremony

NOTE: Program Shedule is subject to change with final allotment of the speaker slots

For more Details PS: http://batterytech.conferenceseries.com/

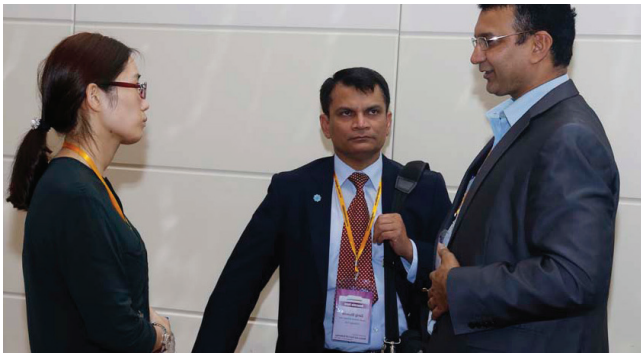
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Glimpses of Battery Tech 2016 Conferences











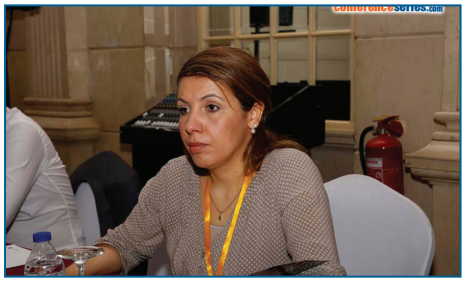


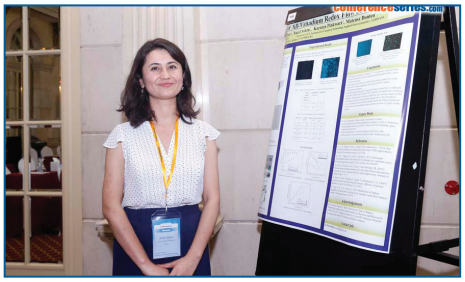










Battery and Fuel Cell Technology
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PURDUE

Fuel Cell Technology


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Major Scientific Sessions

- Primary Batteries
- Secondary Batteries
- Theory of Batteries
- Design and Technology of Batteries
- Latest Developments in Batteries
- Nanotechnology in Advance Batteries
- Batteries in Renewable Sources
- Applications of Batteries
- Classification of Fuel Cells
- Applications of Fuel cells
- Hydrogen Energy
- Super capacitors vs. Battery
- Various Energy Materials

Best Poster Award



- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates



Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries
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Conference Venue

Rome, Italy

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About Rome

Rome, the capital city of Italy and the fourth most populated city in the European Union. Over 4.3 million residents are populated in the Metropolitan City of Rome. The city is situated along the shores of the Tiber River and in the central-western portion of the Italian peninsula. The largest European University and the second largest in the world (Sapienza University of Rome), is located here and has been a major center for scientific information. It is known for the Vatican City and has a history which roots back into thousands of years. The climate of Rome enjoys a Mediterranean climate with cool humid waters and hot dry summers.

It has a large number of Universities and colleges and ranks number two according to the city brands index as the most historical, educational and culturally beautiful city are located. Rome is also the world's most important tourist destination. The city is full of museums and many historical buildings, monuments and Catacombs where it receives 7-10 million tourists every year. The main center of archaeological research is in Rome and is a hub for archaeology. Rome is also known as the world fashion capital. Rome became the major artistic center during the ancient Rome and has a vast and huge collection of sculpture, fountains, mosaics, frescos and paintings. The city today is a major artistic Centre with many museums and art institutes.



Tourist Attractions of Rome



Caserta Northern Aspect



Castel-Sant-Angelo



Colosseum





Leaning-Tower-Of-Pisa



St Basilica



Pz-Navona

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Scientific Program

International Conference on

Battery and Fuel Cell Technology

December 8-9, 2016 Dubai, UAE



Hosting Organization: Conference Series LLC

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Registrations

Salon I

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Opening Ceremony

Introduction

Keynote Forum

Title: Electro-thermal modeling of lithium-ion battery packs from the safety perspective

Jennifer X Wen, University of Warwick, UK

Title: Development and application of vanadium flow battery for energy storage

Huamin Zhang, Dalian Institute of Chemical Physics, China

Group Photo

Networking & Refreshment Break

Title: Engineered electrodes at nanoscale for energy storage devices

Vilas G Pol, Purdue University, USA

Title: Proton exchange membranes prepared from cross-linked and multi-block copolymers based on poly (arylene ether ketone)

Dukjoon Kim, Sungkyunkwan University Suwon, Republic of Korea

Instrumental Solutions for Battery Testing by Metrohm

Lunch Break

Workshop

Title: Understanding of surface reactions as a necessity for development of new electrode materials for Li-ion batteries

Jolanta Świątowska, Institut de Recherche de Chimie Paris, France

Sessions: Aspects of Battery | Primary Cell Batteries | Secondary Cell Batteries | Operation Problems in Batteries | Applications of Batteries | Batteries in Renewable Sources and Grid Balancing

Session Chair: Vilas G Pol, Purdue University, USA

Session Introduction

Title: General equation of power behavior in fuel cells and its experimental application

María José Lavorante, Del Instituto de Investigaciones Científicas y Técnicas para la Defensa, Argentina

Title: Improving the electrochemical performances of $Li_3V_2(PO_4)_3$ and $LiTi_2(PO_4)_3$ by ion doping

Kai Feng, Dalian Institute of Chemical Physics, China

Title: Facile synthesis of nanoscale laminated $Na_3V_2(PO_4)_3$ for high performance sodium ion battery cathode

Qiong Zheng, Dalian Institute of Chemical Physics, China

Networking & Refreshment Break

Title: Recent results of the development of redox flow batteries for storage of renewable energies

Jens Noack, Fraunhofer-Institute for Chemical Technology, Germany

Title: Li-organic batteries and beyond

Klemen Pirnat, National Institute of Chemistry, Slovenia

Panel Discussion

Day 2 December 09, 2016

Salon I

Introduction

Keynote Forum

Title: Effect of purging on the performance of a PEM fuel cell stack with a dead-end anode

Tariq Shamim, Masdar Institute of Science and Technology, UAE

Title: Titania nanotubes for Li-ion microbatteries

Thierry Djenizian, Ecole Nationale des Mines de Saint-Etienne, France

Title: Modeling and simulation of lead-acid batteries

Vahid Esfahanian, University of Tehran, Iran

Networking & Refreshment Break

Sessions: Global Outlook of Fuel Cell | Classifications of Fuel Cell| Applications of Fuel cells| Recent Advancements in Fuel Cell Technology| Super capacitors vs. Battery| Various Energy Materials

Session Chair: Tariq Shamim, Masdar Institute of Science and Technology, UAE

Session Introduction

Title: Gasifier-SOFC systems and applications

P V Aravind, Delft University of Technology, Netherlands

Title: Fuel cell diagnosis based on stack voltage multifractal analysis. The question of the method portability

D Benouioua, EFFICACITY, France

Title: Single cell performances of MEA with hybrid membrane and Pt/C catalyst for low temperature H_2/O_2 fuel cells

Thanganathan Uma, KPR Institute of Technology, India

Video Presentation

Title: The environmental impact of Li-Ion batteries and the role of key parameters

Jens Peters, Karlsruhe Institute for Technology, Karlsruhe

Lunch Break

Poster Presentations

BFCT-01

Title: Synthesis and electrochemical performance of $Na_2Mo_2O_7$ as an anode material for Na-ion battery applications

Rakesh Verma, Indian Institute of Technology-Madras, India

BFCT-02

Title: The development and the application of porous membrane via surface modification for all-vanadium redox flow batteries

Dilek Yalcin, Yildiz Technical University, Turkey

BFCT-03

Title: Fuel cell systems for ships and pleasure boats

Lindert van Biert, Delft University of Technology, Netherlands

BFCT-04

Title: Futuristic reversible power plants based on solid oxide fuel cells

PV Aravind, Delft University of Technology, Netherlands

BFCT-05

Title: Mesoporous carbon electrode materials for supercapacitors

Yulia G Mateyshina, Noakhali Science and Technology University, Russia

BFCT-06

Title: Using controllable electrochemically reduced graphene oxide (ERGO) as high-capacitance electrode material for supercapacitors

Ran Bi, The Hong Kong Polytechnic University, Hong Kong

BFCT-07

Title: Usage of Cyanobacteria in battery: Saving money, enhancing the storage capacity, making portable, and supporting the ecology

Saddam Husain Dhobi, Tribhuvan University, Nepal

Panel Discussion

Awards & Closing Ceremony

Networking & Refreshment Break



Bookmark your dates

2nd International Conference on

Battery and Fuel Cell Technology

July 21-22, 2017 Rome, Italy

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