

Organized by



INSTITUTE OF CHEMICAL ENGINEERING SCIENCES  
Foundation for Research and Technology, Hellas  
ICEHT / FORTH, Patras, Greece



Supported by

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Conference Venue

LEFKADA



Ionian Blue Hotel Bungalows & Spa Resort  
Nikiana, Lefkada island, Greece

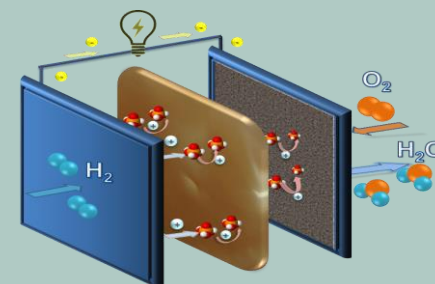


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CARISMA  
2023

7<sup>th</sup> International  
Conference on  
Proton Exchange  
Membrane Fuel Cells  
& Electrolysis:  
Materials, Systems &  
Applications



1-5 October 2023

Lefkada, Greece

[carisma2023.iceht.forth.gr](http://carisma2023.iceht.forth.gr)

## About CARISMA

CARISMA conference series is dedicated to all aspects related to Polymer Electrolyte Membrane Hydrogen Technologies. CARISMA2023 conference will cover fundamental aspects, applied research & industrial applications over a **broad temperature range**. Moreover, this is the first time that both **fuel cell and electrolysis mode** will be considered. The conference covers the challenges in the development of materials, electrode-electrolyte assemblies and cell/stack systems, operation and process optimization, component and/or device degradation. Finally, the purpose is to review important issues and market perspectives of PEM technologies.

## Topics

- Polymer electrolyte membranes for PEM and AEM fuel cell & electrolysis
- Non-PGM & low-PGM-loading catalysts
- Electrode/MEA development & characterisation
- Ageing, degradation, mitigation
- Novel characterisation & assessment techniques
- Modelling/simulation of components and processes
- Stacks, components and systems
- Industrial aspects and market perspectives

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## International Scientific Committee

**Deborah Jones** - Université Montpellier (FR)  
**Brian Benicewicz** - University of South Carolina (US)  
**Andreas Friedrich** - DLR Stuttgart (DE)  
**Hans Aage Hjuler** - Blue World Technologies (DK)  
**Steven Holdcroft** - Simon Fraser University (CA)  
**Jens Oluf Jensen** - Technical University of Denmark (DK)  
**Klaus-Dieter Kreuer** - Max-Planck-Inst. Solid St. Res. (DE)  
**Justo Lobato** - University Of Castilla-la Mancha (ES)  
**Pei Kang Shen** - Guangxi University (CN)  
**Siva Kumar Pasupathi** - University of Western Cape (ZA)  
**Bryan Pivovar** - National Renewable Energies Lab. (US)  
**Bruno G. Pollet** - L'Université du Québec à Trois-Rivières (CA)  
**Gregory Jerkiewicz** - Queen's University, Canada (CA)  
**Ulrich Stimming** - University of Newcastle upon Tyne (UK)  
**Joannis Kallitsis** - University of Patras (GR)  
**Kenji Miyatake** - University of Yamanashi (JP)  
**George Bandlamudi** - ZBT GmbH (DE)  
**Peter Wagner** - DLR Oldenburg (DE)  
**Ben Gould** - U.S. N.R.L. (USA)  
**Yu Seung Kim** - LANL (USA)  
**Mads Friis Jensen** - Blue World Technologies (DK)

## Local Organizing Committee

<b>Maria K. Daletou</b>	ICEHT - FORTH
<b>Stylianios G. Neophytides</b>	ICEHT - FORTH
<b>Joannis K. Kallitsis</b>	Univ. of Patras
<b>Katerina K. Andreopoulou</b>	Univ. of Patras
<b>Alexandros Katsaounis</b>	Univ. of Patras
<b>Stella Balomenou</b>	CPERI/CERTH
<b>Angeliki Kosmatou</b>	ICEHT - FORTH

## Questions or requests

Questions or requests can be directed to:  
carisma2023\_secretariat@iceht.forth.gr

## Important Dates

- ☉ Abstract submission deadline:  
15 May 2023
- ☉ Notification of Acceptance :  
June 2023
- ☉ Early Registration Deadline:  
15 July 2023

## Important Info

- ☉ Keynote/Plenary talks: 45 min (35 min talk & 10 min discussion)
- ☉ Invited talks: 35 min (30 min talk & 5 min discussion)
- ☉ Oral presentations: 20 minutes including discussions
- ☉ Posters Size: A0
- ☉ Link to online Registration, Abstract Template & Submission:  
carisma2023.iceht.forth.gr

## Links

- ✓ <http://www.iceht.forth.gr/>
- ✓ <https://www.upatras.gr/en>
- ✓ <https://www.greeka.com/peloponnese/patra/>
- ✓ <https://www.greeka.com/ionian/lefkada/>
- ✓ <https://www.pvk-airport.gr/en>
- ✓ [www.ionianblue.gr](http://www.ionianblue.gr)

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