

CARISMA 2019

Topics

- ✚ Proton conducting membranes (MT&HT)
- ✚ Fuel cells catalysts and supports
- ✚ Electrodes and MEAs
- ✚ Lifetime and degradation
- ✚ Modelling/simulation
- ✚ Novel techniques for MEA characterization
- ✚ Anion-exchange membrane fuel cells
- ✚ Inorganic proton conductors
- ✚ Direct fuel cells
- ✚ Stacks and stack components

You can submit your contribution:

Abstract submission is open until 30th April 2019.
You will be informed of the outcome by 1st June 2019

Keynote/Invited Lectures will last 45 mins
Oral presentations: 25 minutes including discussions
Posters should be of A0 size.

Link to online Registration & Abstract Submission:

<https://conftool.com/carisma2019>

CARISMA 2019

Invited Speakers

- Masahiro Watanabe** - University of Yamanashi (JP)
Yu Seung Kim - Los Alamos National Laboratory (US)
Anders Korsgaard - Blue World Technologies (DK)
Steven Holdcroft - Simon Fraser University (CA)
Klaus-Dieter Kreuer - Max Planck Institute (DE)
Hans Aage Hjuler - Danish Power Systems (DK)
Deborah Jones - Université Montpellier (FR)
Joannis Kallitsis - University of Patras (GR)
Ben Gould - US Naval Research (US)

About CARISMA Conference

CARISMA conference series are well known to the fuel cell community engaged with components, catalysts and membranes that operate at higher temperatures (200°C). Prof. Deborah Jones has initiated these, following a European collaborative project. The conference covers most aspects related to Polymer Electrolyte Fuel Cells with a particular focus on MT and HT-PEMFCs.

<https://www.uni-due.de/carisma>

CARISMA 2019



6th CARISMA International Conference

on Medium and High
Temperature PEM
Fuel Cells

27th – 30th August 2019

At Fraunhofer-inHaus-Zentrum
Forsthausweg 1,
D-47057 Duisburg, Germany

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About the conference

The CARISMA conference series is specifically devoted to the challenges in developing fuel cell materials and membrane electrode assemblies for the medium and high temperature range targeted for transport and stationary applications. The conference will be the opportunity for presentation of recent results, discussion and debate on the solutions sought internationally to the bottlenecks associated with operation at higher temperatures. With an international programme of invited lectures, oral and poster contributions, organized to promote a review of important issues related to materials development and durability for PEMFC systems. The conference is the **sixth** in the series initiated by the CARISMA European Coordination Action on Intermediate and High Temperature Membrane Electrode Assemblies.

Welcome in Duisburg, Germany
Prof. Dr. Angelika Heinzl
Conference Chair

Venue

CARISMA 2019 will be held in the city of Duisburg, Germany about 2 km (25 minutes' walk) from the main railway station which is a 10 min train ride from Düsseldorf International Airport (DUS).

The Conference Venue is:
Fraunhofer-In Haus- Zentrum, Forsthausweg 1 (adjacent to Lothar Strasse), 47057 Duisburg, Germany.

Call for abstracts

You are encouraged to submit an abstract towards contribution of oral or poster presentation.
Please follow the guidelines at the conference homepage.

CARISMA 2019

Registration and payment

Registration and payment at the conference homepage
<https://www.uni-due.de/carisma>

Conference fee until June 30. after June 30.

Full : 490 € 540 €
Student : 350 € 400 €

Lunches, Coffee and Conference Dinner included

Important dates

Deadline for abstracts June 1st 2019
(Poster abstracts may also be accepted later, provided the exhibition capacity is sufficient)

Notification June 20th, 2019
Deadline for payment July 1st, 2019
Conference Aug. 27-30, 2019

Sponsoring

The conference is supported by University of Duisburg-Essen and ZBT's Förderverein (Association of supporting organizations). We welcome new sponsors.



Offen im Denken



CARISMA 2019

International Scientific Committee

Deborah Jones - Université Montpellier (FR)
Angelika Heinzl – ZBT GmbH & Uni. Duisburg-Essen (DE)
Brian Benicewicz - University of South Carolina (US)
Andreas Friedrich - DLR Stuttgart (DE)
Hans Aage Hjuler - Danish Power Systems (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)
Claude Lamy - Université de Poitiers (FR)
Qingfeng Li - Technical University of Denmark (DK)
Justo Lobato - University Of Castilla-la Mancha (ES)
Pei Kang Shen – Sun-Yat-sen University (CN)
Siva Kumar Pasupathi - University of Western Cape (ZA)
Bryan Pivovar - National Renewable Energies Lab. (US)
Bruno G. Pollet – Norwegian Uni. Science & Tech. (NO)
Jacques Rozière - Université Montpellier (FR)
Keith Scott - University of Newcastle upon Tyne (UK)
Gregory Jerkiewicz – Queen's University, Canada (CA)
Ulrich Stimming - - University of Newcastle upon Tyne (UK)
Masahiro Watanabe - University of Yamanashi (JP)
Anders Korsgaard – Blue World Technologies (DK)

Local Organizing Committee

Jens Wartmann	Othmar Verheyen
Georg Dura	Ivan Radev
Lena Engelmeier	Evren Firat
Florine Moyon	Sebastian Stypka
Moritz Pilaski	Tobias Meier

Questions or requests

Questions or requests can be directed to:

Dr. George Bandlamudi (Co-ordination)
g.bandlamudi@zbt-duisburg.de

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