



GREEN  Electra



Ionic and protonic
conducting ceramic
membranes for green
energy applications

Ciudad Politécnica de la Innovación
Universitat Politècnica de València

Auditorium. Blue Cube. Building 8B
Access "M" – Floor 3, Camino de Vera, s / n,
46022 Valencia, Spain.

More information

School@itq.upv.es
<http://itqschool.blogs.upv.es>



SUMMER SCHOOL

SEPTEMBER 23rd-25th 2015



INSTITUTO DE
TECNOLOGÍA
QUÍMICA

UNIVERSITAT
POLITÉCNICA
DE VALÈNCIA

Valencia, Spain
Universidad Politécnica de Valencia

Ionic and protonic
conducting ceramic
membranes for green
energy applications

Confirmed lecturers

Truls Norby (Univ. Oslo)
Henny Bouwmeester (Univ. Twente)
Nikolaos Bonanos (DTU)
Grover Coors (Coorstek)
Olivier Guillon (FZ-Jülich)
Ralf Kriegel (Fraunhofer IKTS)
José Santiso (CSIC)
Marie-Laure Fontaine (SINTEF)
Tor S. Bjørheim (Univ. Oslo)
Bert de Haart (FZ-Jülich)
Mathieu Marrony (EIFER)
Ragnar Strandbakke (Univ. Oslo)
Jesús Canales (Univ. Castilla-La Mancha)
Ian Metcalfe (Newcastle Univ.)
Agustín Martínez (CSIC-UPV)
Christian Kjølseth (Protia)
Joe Da Costa (Univ. Queensland)
Michael Schroeder (RWTH Aachen Univ.)
Grover Coors (CoorsTek)
Falk Schulze-Küppers (FZ-Jülich)

Recommended Accommodation

GALILEO GALILEI Residence Hall
<http://www.galileogalilei.com>
Av. Los Naranjos s/h, 46022 Valencia
Ph: +34 96 335 20 00 Fax: +34 96 355 12 13

NH Las Ciencias Hotel
www.nh-hotels.com
City of Arts and Sciences Area.
Instituto Obrero de Valencia, 26-28.
46013 Valencia - Spain

Organizing Committee

Cecilia Solís/Clara Fornés
Sonia Escolástico/María Fabuel/Laura Navarrete
Raquel Zanón/Julio García
Vicente Vert/Cyril Gaudillere
Fidel Toldrà/ David Catalán
Nuria Bausá/Sara Escorihuela

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Summer School organized

In the frame of ELECTRA, GREEN-CC and HETMOC

Chairs – Scientific Committee

Prof. Jose M. Serra, CSIC-UPV
Dr. Wilhelm A. Meulenber, FZ-Jülich
Prof. Truls Norby Oslo University
Prof. Peter Vang Hendriksen, DTU

Session

A: Fundamentals of ionic conducting materials
B: Oxygen transport membranes
C: Protonic conducting materials
D: Membrane manufacturing techniques
E: Scaling up manufacturing
F: Theoretical modelling and simulation
G: Electrochemistry fundamentals
H: Characterisation
I: Catalytic membrane reactors
J: Industrial applications

Registration

Early-Bird Deadline: 31/07/15
Fees students: 250 € Non Students: 300 €
Regular Deadline: 10/09/15
Fees students: 300 € Non Students: 375 €
Abstract submission
Deadline 28/08/15

The European Membrane Society will offer some travel grants for students.

Time	Sept. 23rd	Sept. 24th	Sept. 25th
9:00-11:00	Session (2)	Session (3)	Session (3)
11:00-11:40	Coffee break	Coffee break	Coffee break
11:40-13:40	Session (3)	Session (3)	Session (3)
13:40 – 15:20	Lunch	Lunch	Lunch
15:20 – 16:40	Session (2)	Session (2)	Session (2)
16:40 – 17:10	Student Poster Session	Coffee break	Coffee break
17:10 – 18:20		Session (2)	Students on the beach
18:20 – 19:00			
20:30		Banquet	Dinner

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