

# HyDEM 2016

## HYDRIDES AS ENERGY MATERIALS

1<sup>st</sup> - 3<sup>rd</sup> June 2016

SYMPOSIUM / SUMMER SCHOOL @ AARHUS UNIVERSITY, DENMARK



Aarhus University is in the centre of the second largest city in Denmark, Aarhus, and easy to access from three airports: Aarhus airport (50 min by bus), Billund airport (1.5 h by bus), or Copenhagen airport (3 h by train).

Fee: 250 euro, including lunches, dinners, coffee breaks, poster sessions, a certificate for participation (2 ECTS) from Aarhus University and access to all documentation for each oral presentation at HyDEM 2016. The meeting start with optional lunch 1. June and end with optional dinner 3. June.

Recommended hotels: Hotel La Tour A/S \*\*\*, [www.latour.dk](http://www.latour.dk) (ca. 75 euro/night) or Hotel Scandic \*\*\*\*\* (ca. 130 euro/night).

We are now facing a long list of societal challenges including the development of sustainable energy systems. Fundamentally new and ground breaking ideas are needed, not just incremental improvements of known technologies. Many hydrogen-rich materials have diverse and interesting properties that are promising for a broad range of research fields. Hydrides are important materials for solid-state hydrogen storage, as ion conductors in batteries or fuel cell applications, for thermal energy storage, and as niche materials in novel emerging fields. New properties, techniques and results will be highlighted with a focus on future research directions.

Leading scientists across Europe and the World will lecture on these diverse research areas where hydrides are important. The aim of this combined symposium and summer school is to combine the knowledge from experienced scientists with the creativity and scientific curiosity from young scientists.

### Confirmed Key Speakers

Andreas Züttel, École Polytechnique Fédérale de Lausanne, Switzerland

Shin-Ichi Orimo, Tohoku University, Japan

Craig Buckley, Curtin University, Australia

Petra E. De Jongh, Utrecht University, Netherlands

Martin Dornheim, Helmholtz-Zentrum Geesthacht, Germany

Umit Demirci, Université Montpellier, France

Radovan Černý, Université de Genève, Switzerland

David Book, University of Birmingham, UK

Bjørn Hauback, Institute for Energy Technology, Norway

Luca Pasquini, Università di Bologna, Italy

Darren Broom, Hiden Isochema Ltd, UK

Marek Polanski, Military University of Technology, Poland

*plus many more*

June 2016		
1 Wed	2 Thur	3 Fri
Invited Talks	Invited Talks	Invited Talks
Discussion Panel	Discussion Panel	
Poster Session	Poster Session	



DEPARTMENT OF CHEMISTRY  
AARHUS UNIVERSITY

[www.hydem2016.au.dk](http://www.hydem2016.au.dk)

