

# HydEM 2020

## HYDRIDES AS ENERGY MATERIALS

10 - 12<sup>th</sup> June 2020

SYMPOSIUM / SUMMER SCHOOL @ UCLouvain, Belgium



UCLouvain in Louvain-la-Neuve is in the centre of Belgium, and easy to access from Brussels airports: BRU & CRL (20 min by car, 1 h by train).

Student Fee: 225 euro (regular 250 euro), including 3 lunches, 3 dinners, coffee breaks, poster sessions, a certificate for participation (2 ECTS) from UCLouvain and access to all documentation for each oral presentation at HydEM 2020. The meeting starts with optional lunch 10th of June and ends with conference dinner 12th of June. Recommended hotels: [Hotel Martins](#) 3\*/4\* (from 139 euro/night), [IBIS](#) (from 89 euro/night). Everything is walking distance from the venue.

**Organizers:** Yaroslav Filinchuk, Torben R. Jensen, Michael Heere, Johan Wouters, Joris Proost & Nikolai Nesterenko

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 joined symposium and summer school is to combine the knowledge from experienced scientists with the creativity and scientific curiosity from young scientists.

### Confirmed Invited Speakers

Claudia Weidenthaler (DE), Patricia De Rango (FR), Andrea Baldi (NL), Raphael Janot (FR), Arndt Remhof (CH), Martin Dornheim (DE), Radovan Černý (CH), Magnus Sørby (NO), Darren Broom (GB), Maths Karlsson (SE), Umit Demirci (FR), Ulrich Häussermann (SE), Gleb Varyasov (BE), Camel Makhloufi (FR), Jim Webb (AUS), Joris Proost (BE), Claudio Pistidda (DE), Jose Ares (ES), Kasper Møller (AUS), Stefano Deledda (NO), Terry Humphries (AUS), Mark Paskevicius (AUS), Peter Ngene (NL), Yongtao Li (CHN), Iurii Dovgaliuk (FR), Michael Heere (DE), Fermin Cuevas (FR), Martin Sahlberg (SE), Claudia Zlotea (FR), Hans Hagemann (CH), Alexander Skripov (RU), Zbigniew Lodziana (PL), Michel Latroche (FR), Michael Felderhoff (DE), Yuepeng Pang (CN)

| June 2020           |                              |                              |
|---------------------|------------------------------|------------------------------|
| 10<br>Wed           | 11<br>Thu                    | 12<br>Fri                    |
| Invited<br>Talks    | Invited<br>Talks             | Invited<br>Talks             |
|                     | Young<br>Scientists<br>Talks | Young<br>Scientists<br>Talks |
| Posters +<br>Dinner | Posters +<br>Dinner          | Dinner                       |

