

HydEM 2022

HYDRIDES AS ENERGY MATERIALS

18 - 20th May 2022

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).

Fee: 300 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 2022. The meeting starts with optional lunch 18th of May and ends with conference dinner 20th of May 2022. Recommended hotels: [Hotel Martins](#) 3*/4* (from 99 euro/night), [IBIS](#) (ca. 80 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 joint symposium and summer school is to combine the knowledge from experienced scientists with the creativity and scientific curiosity from young scientists.

Multiple prizes for best presenters, and one of those is sponsored by the new open access journal *Inorganics*. We strongly encourage all participants to consider to contribute to a new successful collection of interesting topic as a special issue of *Inorganics, Materials*, denoted: **"Functional Material; Based on Metal Hydride; II"**.

This is also expected to be published as a book, similar to the highlights from HydEM2016.

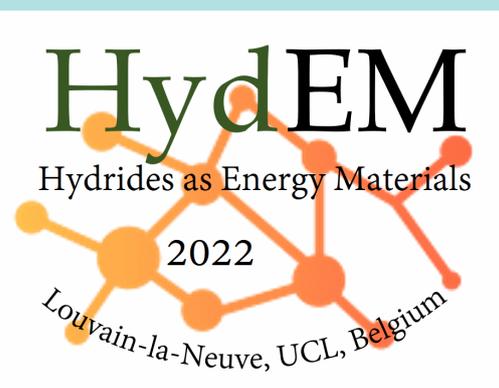
Covid-19 Regulations

We take the Corona regulations very seriously, and expect that all participants are fully vaccinated or otherwise have a valid Corona passport.

We will of course at any time follow the recommendations from the authorities in Europe and at the UCLouvain. For now, we hope that the epidemics curve in Europe will decline significantly before 01 May, 2022.

This information will be updated continuously on our [webpage](#)

May 2022		
18 Wed	19 Thu	20 Fri
Invited Talks	Invited Talks	Invited Talks
	Young Scientists Talks	Young Scientists Talks
Posters + Dinner	Posters + Dinner	Dinner



inorganics