

The logo consists of a red square border containing the text 'Hy' in large blue letters and 'School.no' in smaller red letters below it. A small red '1' is in the top right corner of the square.

HySchool Newsletter

Welcome to a new edition of the HySchool newsletter!

September has been an eventful month for HySchool, with activities focused on learning, networking and planning for the future. Currently, we have 82 active members.

On 7-8 September, the HySchool Board and Project Management Team gathered in Bergen for a strategy seminar to discuss the continued development of the research school and new opportunities for the HySchool community.

On 17-18 September, 24 HySchool members travelled to DNV Spadeadam in the UK for an exciting excursion dedicated to hydrogen safety. Through expert lectures and impressive live demonstrations, participants gained first-hand insights into hydrogen hazards, explosions and safety research.

Looking ahead, preparations are underway for upcoming HySchool activities, including HySchool Days 2027 in Stavanger. It is also time to welcome a new group of PhD students onto the HySchool Board, with the election of Student Board Representatives for the 2026–2027 term coming up soon.

Read on to learn more about these activities, opportunities and what is happening across the HySchool community!

In this issue, you will also find details about the upcoming HySchool Webinar, upcoming disputation, as well as updates on recent disputations.

HySchool wishes everyone a great autumn break!

HySchool Excursion to DNV Spadeadam



Photo credit: Steph Scott, DNV Spadeadam

On 17–18 September, HySchool organized an excursion to DNV Spadeadam in the UK, bringing together 24 members for two days of networking, learning, and hands-on insights into hydrogen safety. The visit combined expert lectures with impressive live demonstrations. The members learned about hydrogen properties and hazards, deflagration-to-detonation transition (DDT), explosions and lessons from real-world incidents. Highlights included an explosion chamber demonstration, a large-scale jet fire and a hydrogen detonation.

A big thank you to Gary Tomlin, Dan Allason, Mike Johnson and Steph Scott, and everyone at DNV Spadeadam, for the warm welcome, excellent organisation and for sharing expertise with the HySchool community!

[Read more about the event here.](#)



HySchool members in front of the explosion chamber at DNV Spadeadam site after a live demonstration coordinated by Steph Scott, Team Leader at DNV Spadeadam. Photo credit: Steph Scott, DNV Spadeadam



Dr. Gary Tomlin, Head of Department for Spadeadam Research and Development at DNV, welcomes HySchool members to the facility. Photo: Merry H. Navjord

HySchool Strategy Seminar



On 7–8 September, the HySchool Board and Project Management Team gathered in Bergen for a strategy seminar to reflect on activities to date and discuss the future development of the research school. The seminar provided an opportunity to exchange ideas and identify priorities for the coming period. Discussions focused on strengthening internal communication within HySchool, increasing the visibility of HySchool members and their research, developing further excursions and activities, and planning the logistics for upcoming HySchool Days in Stavanger.

The strategy seminar provided a valuable foundation for the next phase of HySchool, with new activities and opportunities for its members on the horizon.

HySchool Board members:

Olena Zavorotynska (Chair, UiS)
Jorge Marchetti (Vice- Chair, NMBU)
Bjørn Hauback (IFE)
Nicola Paltrinieri (NTNU)
Øyvind Frette (UiB)
Petra Szilagyi (UiO)
Mohamad Mustafa (UiT)
Joachim Lundberg (USN)
Øystein Ulleberg (Deputy, IFE)

Kristine Spildo (Deputy, UiB)
Jonathan Polfus (Deputy, UiO)
Agnieszka Lach (Deputy, USN)
Rajnish Kaur Calay (Deputy, UiT)
Min Chi To (PhD, UiS)
Willow Dew (PhD, NTNU)
Muhammad Salman (PhD, UiO)
S A Shibly Sadik (PhD, USN)
Ingrid Marie Selvig-Stuen (PhD, UiB)

PMT members:

Ove Njå (TA1, UiS)
Hilde Venvik (TA2, NTNU)
Sabrina Sartori (TA3, UiO)
Knut Vågsæther (TA4, USN)
Xu Lu (TA5, NTNU)
Trygve Skjold (Scientific Director, UiB)
Merry Navjord (Adm. Coordinator, UiB)

HySchool Days 2027



Stavanger, 11-12 May 2027
Internal meetings 10 & 13 May

University of Stavanger will host HySchool Days 2027 in Stavanger on 11–12 May 2027 at Sola Stand Hotel.

For internal participants, additional programme activities will take place on 10 and 13 May.

More information will be published [on our website closer to the event.](#)

Student Board Representative Election



From left: Willow Dew, Ingrid Marie Selvig-Stuen, Min Chi To, Muhammad Salman & S A Sadik Shibly

It is soon time to elect new HySchool Student Board Representatives for the 2026–2027 term! Each HySchool partner institution (NMBU, NTNU, UiB, UiO, UiS, UiT and USN) may have one PhD student representative on the HySchool Board for a one-year term.

As a student board representative, you will represent the interests of HySchool students at your institution, participate in board meetings, and help organise activities alongside representatives from other partner institutions. This is a valuable opportunity to influence the development of HySchool, gain organisational and leadership experience, and expand your network.

Interested in becoming a student board representative?

Please submit a motivation letter to Merry.Navjord@uib.no by **Friday, 23 October 2026**.

Following the submission deadline, motivation letters will be shared with HySchool students at the respective institutions, who will elect their representatives through an anonymous vote.

Upcoming disputation



Vilde Gahr Sturtzel Lunde is defending her dissertation for the degree philosophiae doctor (PhD) at the the University of Oslo.

Date: 15 October 2026

Time: 10:00-15:30

Place: Life Science Building,
Gaustad Oslo

Program

10:15 CET Trial lecture: TBA

13:15 CET Public defence: Light Rare-Earth Based Laves Phases for Magnetocaloric Hydrogen Liquefaction

Supervisors

Principle supervisor:

Bjørn Christian Hauback, IFE/UiO

Co-supervisors:

Anja Olafsen Sjøstad, UiO

Christoph Frommen, IFE

HySchool Webinar



Moritz Langhorst (left) and Anne Marie Lande (right)

The next HySchool Webinar will take place at **10:00 CET** on **30 Sep. 2026**

[Click here to join the meeting on Teams](#)

Meeting-ID: 390 371 164 853 561

Passord: ZJ2Db3NM

[Subscribe to receive the event invite](#)

This webinar will feature PhD-candidates Anne Marie Lande from University of South-Eastern Norway (USN) with her presentation titled "**Water Spray Mitigation of Hydrogen Deflagrations: The Influence of Droplet Size**"

and

Moritz Langhorst from Norwegian University of Science and Technology (NTNU) with his presentation titled "**How Material Flows Shape Hydrogen Demand in Europe's Decarbonizing Steel Sector.**"

Each will deliver a 15-minute presentation followed by a Q&A session on their respective topics.

[Read more about the presentations here.](#)

Moderator:

Assoc. Prof. Xu Lu (NTNU)

Latest disputations

25.06.26 - Giulia Collina (NTNU)

[Loss Prevention and Maintenance
Modelling for Hydrogen-based Industry](#)

18.06.26 - Petar Bosnic (USN)

[Deflagration-to-Detonation Transition in
Hydrogen-Air Mixtures for Explosion
Safety Assessment](#)

29.05.26 - Claudia Cheng (UiT)

[Exploring epistemological and ontological
tensions: the relationship between techno-
economic modelling and social science in
energy transition research](#)

24.04.26 - Aritro Banerjee (UiT)

[A Design Study of Microbial Fuel Cell
System for Wastewater Treatment and
Energy Recovery](#)

22.04.26 - Lucas Camman (NTNU)

[Modeling, Control, and Estimation of
Alkaline Water Electrolyzers](#)

17.04.26 - Raymond Mushabe (UiB)

[Underground hydrogen storage in porous
media: Microbial controls and multiphase
flow: Linking microbial hydrogen
consumption to cyclic storage dynamics
using in situ MRI and predictive simulations](#)

27.03.26 - Mohamed Safy (UiO)

[Computationally guided CO₂ to methanol
catalysis: From a mechanistic investigation
to a descriptor-based screening](#)

03.02.26 - Federica Tamburini (NTNU)

[Advanced Methods for the Quantitative
Assessment of the Safety of
Decarbonization Technologies](#)

News on hydrogen



Arena H2Cluster
The Norwegian Hydrogen Cluster

This industry calendar of Arena H2Cluster gives you an overview of what is going on in the Norwegian hydrogen industry.



Hydrogen24 is an independent newspaper that covers all Norwegian and international news on hydrogen.



The newsletter from the Clean Hydrogen Partnership, the successor of the Fuel Cells and Hydrogen Joint Undertaking (FCH JU), provides valuable insights on hydrogen research in Europe.



This newsletter provides updates from Hydrogen TCP, and organisation under the auspices of the International Energy Agency (IEA).



The newsletter from H2-International provides online information on hydrogen and fuel cells.

Important links

Application

[Interested PhD-students can apply here.](#)

HySchool Travel Grants

[Apply for HySchool Travel Grants here.](#)

HySchool Courses

[See the overview of HySchool courses here.](#)

HySchool Days

[Find more information about the event here.](#)

Inquiries?

Contact HySchool@uib.no.

HySchool Newsletter/Webinar

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HySchool LinkedIn Group

[Join the HySchool Forum LinkedIn Group here \(open for active members and alumni\).](#)

Facebook

[Visit HySchool's Facebook page here.](#)

Bilde: Kjetil Heitmann



IFE Institute for
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Norwegian research school
on hydrogen and hydrogen-based fuels

