



HySchool Newsletter

Welcome to a new edition of the HySchool Newsletter!

HySchool has now surpassed 100 admitted members! A special congratulations goes to Lucie Pratabuy Tran-Quang from the University of Bergen, who has been admitted as the PhD candidate #100. Currently, HySchool has 80 active members.

HySchool Days 2026 took place on 14–15 April at Oslo Science Park, gathering over 100 participants from across the country, as well as international guests from Italy, Sweden, the USA, Canada, and Japan. The event concluded with excursions to IFE and HyStar, offering valuable insight into ongoing work in the field.

On 17-18 September, HySchool will organize an excursion to DNV Spadeadam in Newcastle. We're very much looking forward to it!

In this issue, you will also find details about the upcoming HySchool Webinar, member changes in the HySchool Board, some recent outreach activities, as well as updates on recent disputations.

HySchool wishes everyone a great summer holiday!



Photo credit: DNV Spadeadam

HySchool Days 2026



This year, HySchool Days 2026 was organized by the team at the University of Oslo, led by Prof. Petra Szilagyι and Prof. Sabrina Sartori. The event featured 21 engaging presentations, alongside a poster session and an insightful panel discussion, and welcomed guests from both national and international hydrogen networks. Industry representatives from GreenH, HyStar, Wood Group, HYBIL, and Equinor delivered interesting presentations, offering valuable insights into the evolving hydrogen landscape in the industry.

After the main conference, internal members had the opportunity to participate in excursions the day after to the facilities of HyStar and the Institute for Energy Technology (IFE). At HyStar, Senior Systems Engineer Eddy van Oort coordinated the visit, where participants received a warm welcome and a guided tour. At IFE, Chief Scientist Prof. Øystein Ulleberg coordinated the program. Both visits were highly engaging and informative, and we sincerely thank the hosts for providing valuable insights into their facilities and technologies.

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



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](#).

Changes to the Board and PMT



We would like to thank Prof. Roy Johnsen (left) for his dedicated service on the HySchool Board, representing NTNU. We wish him all the best in his retirement and thank him for his valuable contributions to the network.

We are pleased to welcome Prof. Nicola Paltrinieri (middle), who will take over Prof. Johnsen's role on the Board. Prof. Paltrinieri has previously been part of the Project Management Team (PMT), and we look forward to his continued contributions in this new capacity.

In turn, Prof. Xu Lu (right) will join the PMT, stepping into Prof. Paltrinieri's former role, as the coordinator for Topical Area 5: Safety.

With these changes, we are excited about the continued development of HySchool, and we look forward to the fresh perspectives the new members will bring.

Hydrogen Conference 2026

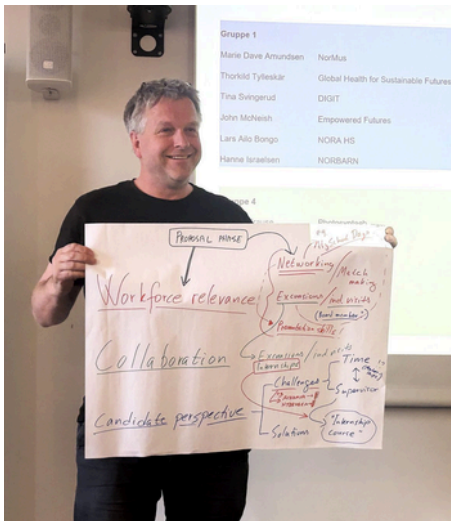
On behalf of HySchool, our administrative coordinator Merry Navjord attended the 30th anniversary of Hydrogenkonferansen (Hydrogen Conference 2026), organised by Norwegian Hydrogen Forum.

The event provided a valuable opportunity to connect with participants and engage with a wide range of speakers, offering insights into the future hydrogen landscape in Norway and beyond. Participation in such arenas is important for strengthening the visibility of HySchool and its activities, as well as supporting PhD candidates working on advancing hydrogen research.

We also congratulate our Board member Prof. Øystein Ulleberg from the Institute for Energy Technology on receiving the Hydrogen Award 2025 — well deserved!



National Research Schools Gathering in Tromsø



On 7–8 May, the annual gathering of Norway’s research schools took place in Tromsø. More than 40 representatives from both established and recently granted research schools, together with representatives from the Research Council of Norway (NFR), convened for the two-day event to share experiences and knowledge, engage in group discussions, and explore opportunities for future collaboration. This year, HySchool was once again part of the organising committee, represented by administrative coordinator Merry Navjord.

The program placed a strong emphasis on discussion and exchange, covering topics such as work-life relevance, financial strategies, best practices for research schools, and the future strategic importance of national research schools. The gathering inspired 15 leaders of Norway’s national research schools to publish an article in Khrono, highlighting the intrinsic value of doctoral education and arguing that its relevance to working life stems precisely from its fundamental purpose as research training.

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

Upcoming disputation



Petar Bosnic is defending his dissertation for the degree philosophiae doctor (PhD) at the University of South-Eastern Norway.

Date: 18 June 2026

Time: 10.00 - 15.30 CET

Place: Porsgrunn, A-271 and Zoom

[Find Zoom-link here](#)

Program

10:00 CET Trial lecture: Challenges and modelling approaches for predicting reacting turbulent flows with CFD

12:00 CET Public defence:

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

Supervisors

Principal supervisor:

Knut Vågsæther, USN

Co-supervisor:

Mathias Henriksen, USN

HySchool Webinar



Ingrid Marie Stuen (left) and Abhishek Subedi (right)

The next HySchool Webinar will take place at **10:00 CET on 11 June 2026**

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

Meeting-ID: 369 745 767 799 389

Passord: 2qg7Qs7P

[Subscribe to receive the event invite](#)

This webinar will feature PhD-candidates Ingrid Marie Stuen from University of Bergen (UiB) with her presentation titled "**Detecting Leaks in Hydrogen Gas Grids Using Pressure and Mass Balance**"

and

Abhishek Subedi from Norwegian University of Science and Technology (NTNU) with his presentation titled "**AI-based Exploration of Socio-Technical Safety Barrier Dynamics in Hydrogen Systems.**"

Each will deliver a 15-minute presentation followed by a Q&A session on their respective topics. [Read more about the presentations here.](#)

Moderator:

Dr. Yogesh Kumar Yadav (UiO)

Disputations in 2026

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](#)

03.02.26 - Alice Schiaroli (NTNU)

[Analysis of the Performance of Cryogenic Hydrogen Storage Equipment Exposed to Fire](#)

02.02.26 - Sivagowri Shanmugaratnam (UiB)

[Green hydrogen production through photocatalytic water splitting](#)

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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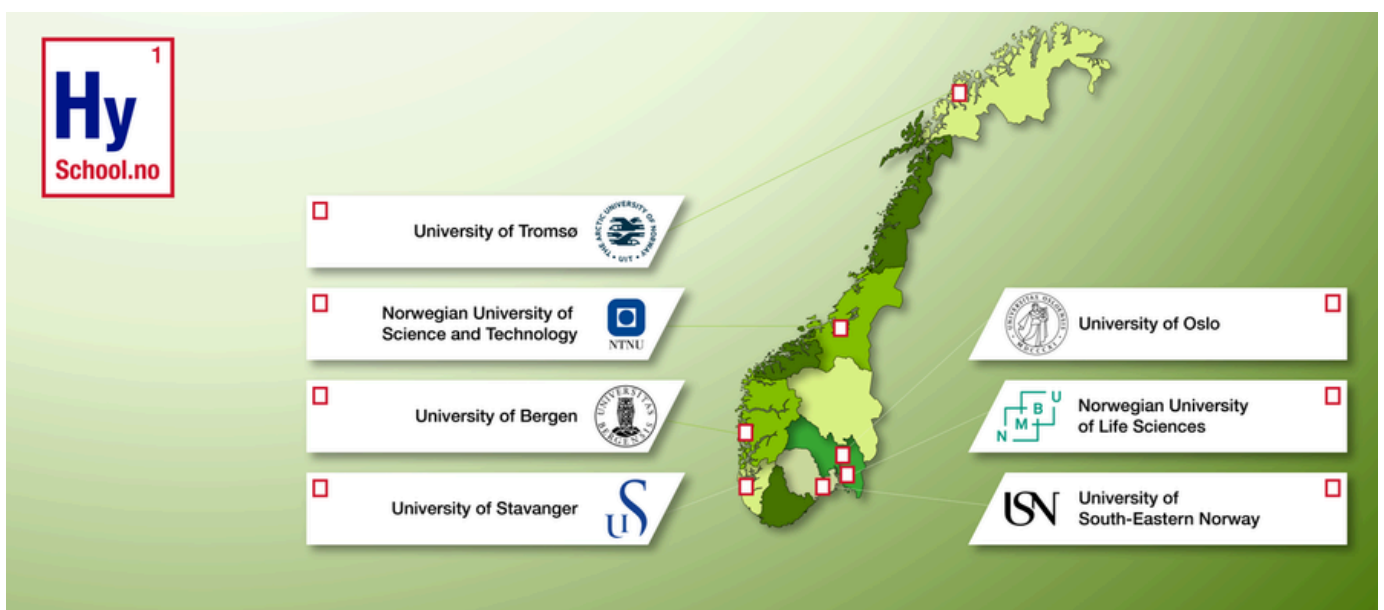
HySchool LinkedIn Group

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

Facebook

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

Bilde: Kjetil Heitmann



Norwegian research school
on hydrogen and hydrogen-based fuels

