

PROGRAM – PRELIMINARY DRAFT

Updated 16 March 2026

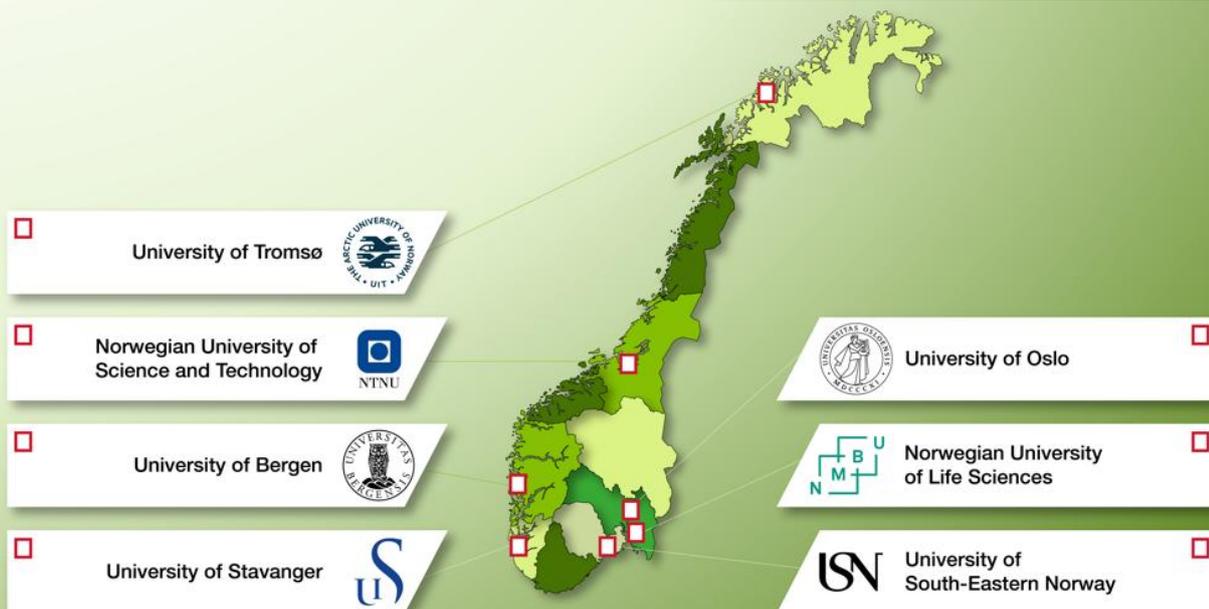


HySchool Days 2026

14-15 April 2026 (main event)

Monday 13 April & Thursday 16 April (internal meetings and workshops for the consortium)

Venue: Forskningsparken (*Gaustadalléen 21, Oslo*)



Registration and final program

This is a preliminary version of the program, pending confirmations from various contributors.

The sequence of presentations in each session and the allocated time for each presentation are subject to change.

HySchool Days is a physical event, i.e. not virtual or hybrid. There is no registration fee, but the number of participants is limited.

Updated versions of the program will be published at this web page:

<https://www4.uib.no/en/research/research-schools/hyschool-norwegian-research-school-on-hydrogen-and-hydrogen-based-fuels/hyschool-days-2026>

Please contact hyschool@uib.no if you need to change your registration.

NOTE: All speakers are encouraged to:

1. Prepare the presentations with a **wide audience in mind:**
 - a. Explain background, context, and motivation, and limit the amount of technical details.
 - b. Try to include elements of popular science communication in the presentations.
2. Ensure compliance with the designated number of minutes indicated in the program – the remaining time in each session will be dedicated to Q&As.

Poster session: During the digital poster session on Wednesday, PhD candidates admitted to HySchool will present the topic and status for their projects.

Day 0: Monday 13 April 2026

This day is reserved for internal meetings and workshops for the admitted students and the consortium.

Venue: Forskningsparken (Gaustadalléen 21, Oslo)	
11:00 Registration	
12:00 Lunch	
13:00 – 15:00 Student forum, in room “Hagen 3”	13:00 – 15:00 Supervisor forum, in room “Aqua”
14:00 Coffee break	
15:00 Free time/visit to lab/sightseeing tour	
19:00 Dinner - For internal participants only	19:00 Dinner (PhD students) - For internal participants only

Day 1: Tuesday 14 April 2026

Venue: Forskningsparken (<i>Gaustadalléen 21, Oslo</i>), Auditorium FORUM
08:30 Registration
<p>09:00 Opening Remarks – Chair: Petra Szilagyi (UiO)</p> <ul style="list-style-type: none"> - Øystein Prytz (UiO) – Welcome to HySchool Days 2026, 5' - Trygve Skjold (UiB) – HySchool: Status and prospects, 10' <p>09:15 Topical Area #1, Society and Environment – Chair: Ove Njå (UiS)</p> <ul style="list-style-type: none"> - Lin April Løstegård (Norwegian Hydrogen Forum) - The Norwegian Hydrogen Landscape, 12'+3' - Victoria Krohl (Equinor) – Industrial H2 emissions quantification, 12'+3' - Sarah Soon Arnhus (Wood Group) – Is Norway losing its competitiveness in green hydrogen production compared to our Nordic neighbours? 12'+3' - Ernes Cereku (GreenH) – GreenH - Where are we at with the Hydrogen Market? 12'+3' - Kyrre Sundseth (SINTEF) – NORHyWAY - a Large Hydrogen Valley, 12'+3'
10:30 Coffee Break
<p>11:00 Topical Area #3, Storage and Distribution – Chair: Sabrina Sartori (UiO)</p> <ul style="list-style-type: none"> - Stefano Deledda (IFE) – Hydrogen storage in metal hydrides: challenges and opportunities, 35'+5' - Frank Viveros Acosta (UiB) – Experimental Micromodel Approaches for Capturing Biogeochemical Interactions in UHS Systems, 12'+3' - Yogesh Kumar Yadav (UiO) – Advanced Hydrogen Storage in High-Entropy Alloys, 15'+5'
12:30 Lunch
13:30-13:45 Group Photo
<p>13:45 Topical Area #2, Production – Chair: Hilde Johnsen Venvik (NTNU)</p> <ul style="list-style-type: none"> - Eduard van Oort (HyStar) – Brown field system integration and field demonstration of efficient PEM electrolysis, 12'+3' - Aimy Bazylak (University of Toronto) – Investigating multiphase flow and material considerations for fuel cells and electrolyzers, 12'+3' - Marius Fredriksen (NTNU) – Model predictive control of proton exchange membrane water electrolysis systems, 12'+3' - Willow Dew (NTNU) – Pd-based membranes for hydrogen and ammonia technology, 12'+3' - Sahra Louise Guldahl-Ibouder (NTNU) – Transition metal catalysts for low temperature ammonia decomposition, 12'+3' - Sepanta Dokhani (KTH/RISE) – Lifetime assessment of anion exchange water electrolyzer (AEMWE), 12'+3' - Øyvind Lindgård (NTNU) – Evaluating IrO₂ stability with in-line ICP-MS: pH dependence of IrO₂ dissolution, 12'+3'
15:30 Closing Remarks
Venue: Forskningsparken (<i>Gaustadalléen 21, Oslo</i>)
18:30 Mingling & Aperitif
19:30 Dinner

Day 2: Wednesday 15 April 2026

Venue: Forskningsparken (<i>Gaustadalléen 21, Oslo</i>), Auditorium FORUM	
08:30 Registration	
09:00 Topical Area #4, Applications – Chair: Joachim Lundeberg (USN) <ul style="list-style-type: none"> - Xi Yang (UiO) – From Hydrogen Production to End-use, 15'+5' - Mohamad Mustafa (UiT) – Fuel cell operated turbineless jet engine, 15'+5' - Qingqing Shao (UiO) – Alkali-Resistant MOFs with Ion Conductivity, 12'+3' - Abinavnataraj Ramakrishnan (UiS) – MOF Based Catalyst for CO₂ hydrogenation to Methanol, 12'+3' - Samy Ben-Othman (Ecole Centrale de Lyon) – Preparing the venue of ZEROe aircrafts by modelling the future infrastructure at airport, 12'+3' 	
10:30 Coffee Break	
11:00 Poster Session – Chair: Federico Ustolin (NTNU) <ul style="list-style-type: none"> - HySchool PhD candidates present 3-minute poster presentations. 	
12:30 Lunch	
13:30 – 14:15 Topical Area #5, Safety – Chair: Trygve Skjold (UiB) <ul style="list-style-type: none"> - Katrina Groth (University of Maryland) – Enabling safety and reliability in hydrogen systems through reliability and risk analysis, 15'+5' - Deniz Ölçek (UiO/EIDEL) – Hydrogen probing via neutrons: From Earth to Planetary Surfaces, 15'+5' 	
14:15 - 15:15 Panel Discussion – Chair: Vebjørn Bakken (UiO) <p>Panellists:</p> <ul style="list-style-type: none"> - Victoria Krohl (Equinor) - Magnus Thomassen (HyStar) - Ignacio Herrera Anchustegui (UiB) - Marianne Zeyringer (UiO) 	
15:15 Closing – Chair: Petra Szilagyi <ul style="list-style-type: none"> - Host and venue for HySchool Days 2027 	
15:30 Coffee Break/Mingling	
15:30 – 17:00 Board Meeting (Board members only)	15:30 – 17:00 HySET Presentations

Venue: Forskningsparken (<i>Gaustadalléen 21, Oslo</i>)	
18:30 Mingling & Aperitif	
<ul style="list-style-type: none"> - For internal participants only 	
19:30 Dinner	
<ul style="list-style-type: none"> - For internal participants only 	

Day 3: Thursday 16 April 2026

There will only be excursion for the admitted students and the consortium this day.

Bus departure <ul style="list-style-type: none">- Time and location TBA	
Excursion to IFE More information will be sent out.	Excursion to HyStar More information will be sent out.
12:00: Lunch <ul style="list-style-type: none">- Takeaway lunch for participants at the excursions.	
Notes concerning the excursions: <ul style="list-style-type: none">- The excursions are the only activities this day (i.e. no other meetings or events organised by HySchool).- Those who have indicate an interest in participating in the excursions will receive a link to a form where they can prioritise which excursion to attend.- The number of participants to each excursion is limited, and internal participants will be prioritised.	
13:00 Bus return <ul style="list-style-type: none">- Time and location TBA	

