



NPBC 2026

Norwegian Plant Biology Conference
SCANDIC HAVET · STORHAVET 1 · BODØ, NORWAY

17-19
JUNE 2026

Wed 17 June
WORKSHOPS

09:00-16:00

AI-assisted Coding Workshop

Physalia Courses · Nord University campus



09:00-14:00

Science Communication Workshop

NorthSciComm · Nord University campus



Thursday

18 June · Conference Day 1

- 08:00-08:45 Registration & Coffee · Foyer
- 08:45-09:00 Welcome & Opening Remarks · A. Jueterbock
- 09:00-09:45 **Keynote I · Cyril Zipfel · University of Zürich, CH**
- 09:45-10:05 Morning Break
- 10:05-10:50 **Keynote II · Lenka Procházková · Charles University, CZ**
- 10:50-11:30 **Session 1 · Signaling, Perception & Interactions**
Chair: Kirsten Krause
- 10:50 **Tore Brembu** — diatom cell-wall biomineralization
- 11:00 **Leah Gachao** — eATP signalling & regulated cell death
- 11:10 **Katja Karppinen** — ABA in bilberry fruit ripening
- 11:17 **Karsten Fischer** — gene loss & HGT in parasitic plants
- 11:30-12:30 Lunch · Restaurant
- 12:30-15:00 **Excursion · Coastal Seaweed Safari · Stella Polaris**
- 15:00-16:00 **Poster Session 1 + snack · Storhavet 1**
- 16:00-18:00 **Session 2 · Immunity, Stress & Adaptation**
Chair: Thorsten Hamann
- 16:00 **Anne M. L. Nilsen** — thermal priming in Saccharina
- 16:10 **Ralf Rautenberger** — phlorotannins in Alaria
- 16:20 **Steven Zwartkruis** — THESEUS1 receptor kinase
- 16:30 **Anupam Gogoi** — Phytophthora cactorum effectors
- 16:40 **Jo Petter Helstad** — eATP & metabolomic fingerprints
- 16:50-17:00 Short break
- 17:00 **Pia A. Dittmer** — temperature resilience in kelp
- 17:07 **Sara Roosvall** — brown macroalgae polyphenols
- 17:14 **Nelly Braun** — cell-wall trafficking in Arabidopsis
- 17:21 **Puja Kumari** — Bangia stress memory
- 17:28 **Sara Morghen** — cell-wall integrity & osmotic stress
- 17:35 **Zahra Bitarafan** — climate × glyphosate efficacy
- 17:42 **May-Bente Brurberg** — strawberry crown-rot resistance
- 19:00-22:00 Conference Dinner & Conference Quiz · OHMA Restaurant

Friday

19 June · Conference Day 2

- 08:45-09:30 **Keynote III · Caroline Gutjahr · MPI Potsdam, DE**
- 09:30-10:15 **Keynote IV · Gabriel Markov · CNRS Roscoff, FR**
- 10:15-10:45 **Poster Session 2 + snack · Storhavet 1**
- 10:45-12:00 **Session 3 · Biotechnological Innovations & Emerging Tools**
Chair: Katja Karppinen
- 10:45 **Banashree Saikia** — CRISPR multi-stress tomato
- 10:55 **Vasili A. Balios** — hyperspectral species ID
- 11:05 **Arshad K. Ajilan** — IoT-enabled CEA automation
- 11:15 **Morten Lillemo** — UAV imaging, N-uptake in barley
- 11:25 **Colin Sinclair** — Nordic glacial-flour nutrients
- 11:35 **Chris J. Hulatt** — diatom breeding & phenotyping
- 11:45 **Paige Heavyside** — Alaria bioprocessing for biostimulants
- 11:53 **Sara Laranjeira** — Norwegian PheNo infrastructure
- 12:00-12:10 **Store norske leksikon (SNL) · Kjell-Olav Hovde**
- 12:10-12:40 **Best Student Oral & Poster Presentation Awards**
- 12:40-13:00 **Closing Words & Group Photo**
- 13:00-14:00 Farewell Lunch · Restaurant
- 14:00-16:00 Photosyntech Leaders Meeting · by invitation

POSTER THEMES · SESSIONS THU 15:00 & FRI 10:15 · STORHAVET 1

- Signaling, Perception & Interactions
- Plant & Algal Immunity, Stress Responses & Environmental Adaptation
- Biotechnological Innovations & Emerging Tools
- Restoration, Biodiversity & Sustainable Ecosystem Management

Full programme &
book of abstracts
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