



Invitation to the Nordic Flame Days 2023 29th and 30th of November 2023 Trondheim, Norway

The Nordic Flame Days is the Nordic meeting point for everybody involved in combustion or combustion-related processes. Some of the successful events were held previously in 2015 (Copenhagen), 2017 (Stockholm), and 2019 (Turku). The Combustion Institute, Scandinavian-Nordic Section (CINS) and Swedish Flame Research Committee (SFRC) are pleased to announce that the Nordic Flame Days 2023 will take place on the 29th and 30th of November 2023 in Trondheim. A **workshop on solid fuels and combustion processes towards the future**, funded by Nordic Energy Research as well as a **CINS topical meeting on carbon-free energy carriers**, will be arranged during the Nordic Flame Days 2023.

Call for abstracts

The Nordic Flame Days program will combine social and technical activities, including keynotes and technical presentations on recent progress made in topics such as but not limited to:

- Reaction kinetics of combustion
- Laminar and turbulent flames
- Flexibility of thermal fuel conversion systems
- Pyrolysis, gasification, and combustion of solid fuels
- Droplet and spray combustion
- Combustion in internal combustion engines and gas turbines
- Fuel characterisation
- Combustion diagnostics
- Emission control and CO₂ mitigation
- Ash management and corrosion

Abstract contributions should not exceed **two pages** (including possible references) and can contain **one figure**. For the abstract, please use the template accompanying this call, available for download from the submission link (<https://easychair.org/conferences/?conf=nfd2023>). Remember to include all authors of the work and their affiliation clearly. It is possible to present work that has been published recently in a scientific journal.

Key dates

- Abstract submission period opens (link: <https://easychair.org/conferences/?conf=nfd2023>) – July 2023
- Deadline for abstract submission – September 10, 2023
- Notification of acceptance – October 2, 2023
- Registration (open, early bird, and deadline) – TBD
- Nordic Flame Days 2023 – Week 48, 2023 (exact dates TBD)

Venue

The conference will be arranged on the Gløshaugen campus of the Norwegian University of Science and Technology (NTNU) in Trondheim, Norway.

NTNU is a university with an international focus, with headquarters in Trondheim and campuses in Ålesund and Gjøvik. NTNU has a main profile in science and technology, a variety of programmes of professional study, and great academic breadth that also includes the humanities, social sciences, economics, medicine, health sciences, educational science, architecture, entrepreneurship, art disciplines and artistic activities.

Trondheim is a historic port in central Norway. It lies on a sheltered peninsula on the southern shore of the deeply indented Trondheim's Fjord at the mouth of the Nidelva (river), 23 miles (37 km) southeast of the Norwegian Sea. It was founded in 997 by King Olaf I Tryggvason as the village of Kaupangr; he built a church and a royal residence, Kongsgård, there. The city gained importance during the Viking age as a pilgrimage centre, spurred by the legend of the miraculous preservation of the body of King Olaf II Haraldsson (later St. Olaf), who had been buried there after his death in battle at nearby Stiklestad (1030). Today the city is dominated by the Norwegian University of Science and Technology (NTNU), the Foundation for Scientific and Industrial Research (SINTEF), St. Olavs University Hospital and other technology-oriented institutions.

Organising and scientific committee

- Tian Li (Conference chair, NTNU, CINS Board Member)
- Corinna Netzer (NTNU)
- Michal T. Lewandowski (NTNU)
- Jingyuan Zhang (NTNU)
- Debbie Koreman van den Bergh (NTNU)
- Terese Løvås (NTNU)
- Nils Skoglund (Umeå University, SFRC President)
- Hao Wu (Technical University of Denmark, CINS Board Member)
- Joachim Lundberg (University of South-Eastern Norway, CINS Board Member)
- Patrik Yrjas (Åbo Akademi University, CINS President)
- Daniel Schmid (Åbo Akademi University, CINS Secretary)

Registration, program, and accommodation

The related information will be provided soon on the conference website <https://blogs2.abo.fi/cins/upcoming-meetings/>.