

## **2018 Scandinavian-Nordic Section of The Combustion Institute Report**

Section Website: <http://www.ntnu.edu/cins>

Section Chair: Terese Løvås

List section officers and board members with titles:

Terese Løvås, Norwegian University of Science and Technology, Norway (President)

Alexander Konnov, Lund Institute of Technology, Sweden (Vice-President)

Anders Brink, Åbo Akademi University, Finland

Hao Wu, Technical University of Denmark, Denmark

Henrik Thunman, Chalmers University of technology, Sweden

Knut Vågsæther, Telemark University College /Tel-Tek, Norway

Patrik Yrjas, Åbo Akademi University, Finland

Peter Arendt Jensen, Technical University of Denmark, Denmark

Members of the Scandinavian-Nordic Section:

Active Members 200

Non-Student Members 200

Student Members 0

Section meetings and workshops since 2016 with date and attendance information:

The Scandinavian-Nordic Section of the Combustion Institute, CINS, was initiated in 1999 by representatives from Denmark, Finland, Norway and Sweden. During 2016-2018 the CINS has been involved in and co-organizing several meetings, partly with other CI Sections and partly with associated organisations.

In November 2016 the Scandinavian-Nordic Section of the CI co-hosted a joint meeting with the Portugal Section of the CI in Lisbon, Portugal. This meeting acted as the 8th Biennial Meeting. The meeting had over 100 participants, Over the two days there were two invited Keynote lectures by Prof. Maria U. Alzueta and Dr. Christer Fureby followed by oral presentations in two parallel sessions. The meeting was held in conjunction of the COST Action SmartCats meeting to enable overlapping participation within the European community.

In 2017, October 10-11, the Scandinavian-Nordic Section of the CI co-hosted the 10th Topical Meeting in junction with the Nordic Flame Days in Stockholm, Sweden. The Nordic Flame Days was jointly arranged by the Swedish and Finnish National Committees of International Flame Research Foundation (IFRF) and the Scandinavian-Nordic Section of the Combustion Institute (CINS). Researchers from academia and industry attended the conference with more than 50 presentation on different aspects of combustion (<http://flamedays2017.sfrc.se/>). Four keynote speakers were invited to present state-of-the-art in various topics (role of combustion in future energy systems, phase out of coal in DONGs power plants, large scale numerical simulations, and from lab to large scale laser diagnostics). The meeting included the Sections Topical Session on large scale numerical simulations, the General Assembly as well as a special meeting for Women in Combustion Scandinavian-Nordic Section.

At the Nordic Flame Days in Copenhagen also the General Section Meeting was held, and new board members were elected as listed above. The web site that was launched in 2010, <http://www.ntnu.edu/cins>, is updated regularly and acts as an information point for the Section. On this website are also documents and meeting minutes available for all member. The Section has still its

Secretariat based in Trondheim, Norway, and Dr. Tian Li, NTNU, acts as Secretary. Prof. Alexander Konnov acts as Vice President and Treasurer for the Section.

List other activities (e.g. section journals, projects, working groups, school for students, etc.)

During 2016-2018 the Section has held 3 Board meetings, and one board-meeting is up-coming after summer break in 2018.

Furthermore, preparations are being made for the 9th Biennial Meeting which will be held in Krakow jointly with the Polish Section, September 6-7, 2018 (<https://meeting-agh.wixsite.com/psn2018>)

List awards given by section with details:

No awards given.

Other Information:

No other information.