

## **Nordic Steel 2019**

**A Nordic steel conference with European and international participants. The conference fosters a forum where research, theory and realisation come together.**

Nordic Steel Construction Conference 2019 takes place in Copenhagen on 18-20 September 2019. The conference focuses on engineering in building and construction of steel structures. The purpose is, at a Nordic and European level, to disseminate the latest research and development in steel for load-bearing structures. Leading international scientists will participate, presenting the latest research and development in steel. Also, a number of engineering companies will showcase real, built steel structures.

The participants went through an extensive process to have articles and presentations accepted for the conference. To be eligible, participants submitted articles that were processed, categorised and evaluated by the international scientific committee. The work was carried out under the management of Professor Jeppe Jönsson, DTU Civil Engineering. The accepted abstracts form the basis for the submission of the final scientific document. This was also an elaborate process involving reading, assessment and approval before each document is accepted for the conference.

All documents are uploaded electronically and will be ready for the conference in the shape of online proceedings including all articles presented during the conference. This extensive material will be published in a web-based database, which is common in the university environment. In this manner, conference presentations are preserved for posterity to be used by scientists at universities across the world.

The organisational committee feels strongly that tomorrow's engineers be equipped with the strong professional skills that match the increasing demand for technical skills that they may face, in order for them to secure Danish companies a leading global position in steel structures for, e.g., bridges and offshore wind facilities. This is done by disseminating knowledge from the conference to Danish engineering programmes right after the conference. Engineering students use the applied research that forms the basis for the theoretic learning to be able to realise actual steel structures. Here, research, theory and realisation come together.

By arranging the Nordic Steel Construction Conference, the organisational committee hopes that Danish and Nordic engineers, engineering students and researchers better their skills and become professionally equipped. The perspective is both to maintain and expand Danish companies' technically strong position in steel structures for, e.g., bridges, energy, technical plants as well as offshore wind facilities.