

First workshop of

# NEXT Timber

Novel EXecution Tool for Timber structures

September 24<sup>th</sup> 10:00 – 17:00

Session in Forum Holzbau Nordic (FHN) 2014, Trondheim



norden

Nordic Innovation

Workshop fee – part of FHN: 810 NOK [register here](#) or at [www.forumholzbau-nordic.com](http://www.forumholzbau-nordic.com)  
standalone event: 1000 NOK register to [monica.amundsen@ntnu.no](mailto:monica.amundsen@ntnu.no)

Chairmen: Erik Aasheim, Norwegian Institute of Wood Technology, and Anders Rosenkilde,  
The national association of the wood processing and furniture industry, TMF

## Program

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- 10:00 Introduction to NEXT-Timber – Novel Execution tool for Timber structures  
Tomi Toratti, RTT Finnish Association of Construction Product Industries, Finland
- 10:15 Performance and performance based requirements  
Jørgen Munch-Andersen, Danish Timber Information, Denmark
- 10:35 Recent Nordic experiences in multi-storey timber construction  
Andrus Leppik, Kodumaja AS, Estonia
- 11:05 Consequences for timber buildings of choices in national annexes to Eurocodes  
Jørgen Munch-Andersen, Danish Timber Information, Denmark
- 11:45 Lunch

### Design guidelines

- 12:45 RunkoPES – The open industrial timber element standard  
Tero Lahtela, Finnish Timber Council, Finland
- 13:15 Experiences from design guidelines for timber structures in Norway  
Sigurd Eide, Splitkon AS, Norway
- 13:45 Existing webtools for timber construction  
Joachim Schmid, SP Wood Technology, Sweden
- 14:15 Stability of wood constructions in the building phase  
Nils Ivar Bovim, University of Life sciences, Norway
- 14:45 Coffee break

### Execution of timber buildings

- 15:15 Norwegian execution standard for timber structures  
Vivian Meløysund, Standards Norway
- 15:35 Finnish execution standard  
Tomi Toratti, RTT Finnish Association of Construction Product Industries, Finland
- 15:55 Execution and moisture control  
Kristine Nore, Norwegian Institute of Wood Technology, Norway
- 16:25 Execution and fire safety  
Alar Just, Tallin University of Technology, Estonia
- 16:45 Discussion, conclusions and way forward  
Joachim Schmid SP Wood Technology, Sweden

## Short description

Multi-storey timber buildings have a relatively small market share, even though modern timber construction potentially can be a very competitive technology. Especially if recent innovations in building techniques and timber materials can be utilized. With increased focus on building quality, an increasing share of timber buildings are prefabricated. NEXT Timber seeks to develop an open standard tool for planning and execution of timber buildings on an international context.

An execution standard can provide interface principles that facilitate the use of new developments with respects to vibrations, acoustics, moisture and fire. It will also facilitate building process communication between all involved parties from architect, to engineer, to building owner, which in term will provide less risk of construction errors and enhance building quality. This will benefit trade, innovation sharing and further boost the development of modern timber building technologies.

The present event is the state of art workshop of related activities in the participating countries and this initiates the NEXT Timber project.

Conference fee 25 – 26th September 2014	Until 31th August 2014 From 1st September 2014 Student	2500 NOK 3500 NOK 500 NOK
NEXT Timber 24 <sup>th</sup> September	Part of FHN Standalone event	810 NOK 1000 NOK register to monica.amundsen@ntnu.no
Excursions	Pre-conference tour Trondheim 24th September Post-conference tour Røros 26 - 27th September. All inclusive	500 NOK 3000 NOK
Additional program	Get-together party in Erkebispegården 24th September Conference dinner at Hotel Rica Nidelven 25th September	600 NOK 1000 NOK
Hotel	Hotel Rica Nidelven Rica Bakklandet P-Hotels Brattøra	Single room/1195 NOK Double room/1445 NOK Single room/1195 NOK Double room/1445 NOK Single room/795 NOK Double room/945 NOK