

Thursday 15 May 2008

**Auditorium 6th floor at the Paper and Fibre Research Institute, Høgskoleringen 6b
NTNU Gløshaugen campus, Trondheim, Norway**

9.00 Opening

Ane de Boer

9.15 Welcome

Representative of the NTNU

9.30 MPU lifter

R. Jerstad, Olav Olsen as, Norway

10.00 Experimental testing and constitutive modelling of concrete

H. Nedreliid, NTNU, Norway

10.30 Break

11.00 Design of a ship barrier in Amsterdam

W.H.N.C. van Empel and R.P. Roggeveld, Witteveen & Bos consulting engineers, The Netherlands

11.30 Fibre reinforced concrete

A. Jansson, Chalmers University of Technology, Sweden

12.00 T-headed bars MPU

S.O.Heiberg and T. Kaiser, HRC-Europe

12.30 Lunch

13.30 Using DIANA in the education

L. Grepstad and S.I. Sørensen, NTNU, Norway

14.00 Numerical benchmark for cracking behaviour

C. van der Vliet, Arcadis, and A. Vervuurt, TNO Built Environment and Geosciences, The Netherlands

14.30 Cracking risk analysis of the Bjørvika submerged tunnel at hardening phase

G. Ji, MARINTEK/SINTEF and T. Kanstad, NTNU, Norway

15.00 Rock mechanics problems in Hydrocarbon extraction

P. Fokker, Shell, The Netherlands

15.30 Closure + refreshment

16.00 Bustour to the Nidaros Cathedral

16.30 Guided tour Nidaros Cathedral

17.30 Bustour from the Cathedral to Granåsen

18.00 Granåsen and environment

18.30 Bustour to city

19.00 Dinner

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9.00 Opening

9.01 Masonry beams -structural behaviour and loadcarrying capacity

H. Svarlien, Norway

9.30 Complex Geometry Architecture: case study roof for a railway station

E. Guse and A. Borgart, Delft University of Technology, The Netherlands

10.00 Connection between bubble decks - nonlinear analysis

C. Bråten, H.I. Andersen, K.V. Høiseth, NTNU and H. Brå, COIN/SINTEF, Norway

10.30 Break

11.00 Fire behavior of tunnels

H. Burggraaf, T. van Overbeek and A. Vervuurt, TNO Built Environment and Geosciences, The Netherlands

11.30 Numerical simulations of service life cycle of reinforced concrete structures

I. Sæther, NORUT Narvik / NTNU, Norway

12.00 Fibre Reinforcement in Load Carrying Concrete Structures

Å. L. Døssland, Multiconsult and T. Kanstad, NTNU, Norway

12.30 Closure user sessions

12.35 Lunch

13.30 Shear force Discussion

14.15 User wishes session

15.30 Closure