

JCSS Workshop on Semiprobabilistic FEM Calculations
 Delft, TNO, Van Mourik Broekmanweg 6
 December 1 and 2

Programme update (per November 23)

Tuesday December 1

9.00-9.30 Registration / Coffee

Ton Vrouwenvelder	Netherlands	Opening, Objectives of the Workshop
Ton Vrouwenvelder	Netherlands	Design rules according to Eurocode and ISO 22394
Raphael Steenbergen	Netherlands	
G Sedlacek / F Bijlaard	Germany / Neth	Steel Frames design and EC3
Vladimir Cervenka	Czech Rep	Verification of Global Safety of Resistance of Reinforced Concrete Structures based on Non-linear FEA
Jan Cervenka	Czech Rep	

11.00-11.30 Break

Max Hendriks	Netherlands	Nonlinear FEM for concrete structures
Michael Hicks	UK/Netherlands	FEM and stochastic analysis in geo-engineering, with application to EC7

12.30-14.00 Lunch

Hans Teunissen	Netherlands	Uncertainties in modeling of frictional materials
Bruno Sudret	France	Advanced methods for FE-reliability analysis
Thierry Yalamas	France	
Alfred Strauss	Austria	Probabilistic modeling of degradation and corrosion processes with respect to ULS and SLS

15.30-16.00 Break

16.00-17.00 General discussion

19.00-22.00 Dinner

Wednesday December 2

9.00

Guiseppe Mancini	Italy	Actual safety level with different safety formats used in non-linear analysis
Diego Allaix	Italy	

Milan Holicky	Czech Rep	Global resistance factors for reinforced concrete members
Sykora	Czech Repx	

Bruno Sudret	France	Comparing Eurocodes designs with full probabilistic designs for RC beams
Colleague from Bruno	France	

10.30-10.45 Break

Hendrik Schlune	Sweden	Evaluation of Safety Formats for Nonlinear FEA of Concrete Struct.
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Ane de Boer	Netherlands	FE nonlinear analysis, unity check and reliability index in two civil engineering applications
Cor Van der Veen	Netherlands	

Henk Bakker	Netherlands	FEM in design of Water defense systems
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Timo Schweckendieck	Netherlands	Probabilistic FEM analysis for a sheet wall
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12.30-13.30 Lunch

John Sorensen	Denmark	Reliability of (wind turbine) foundations using non-linear analysis.
Lars Anderson	Denmark	

Sebastian Thöns	Germany/Switzerl	Buckling reliability of steel shells utilizing the EC3 methodology
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Wim Courage	Netherlands	TNO Computer Tool Prob2B
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15.00-16.00 General discussion / follow up / closure

Other participants

Maximilian Huber	Germany
Gerard Canisius	UK
Geoffrey Decan	Belgium
Robby Caspeepe	Belgium
Celeste Barnardo	South Africa
Chris Roth	South Africa
Beatrice Belletti	Italy
Joao Andre	Portugal
Anneke Hommels	Netherlands
Frans Molenkamp	Netherlands