

## Thursday 25 April 2013

Science Park Conference Center, Room: Afrodite, Sven Hultins gata 9, Gothenburg

8:30	<b>Registration</b>	
9:00	<b>Opening</b>	Ane de Boer DIANA Users Association
9:15	<b>“User-supplied subroutines developed for use in DIANA”</b>	Karin Lundgren and Kamyab Zandi Hanjari Chalmers University of Technology, Sweden
10:00	<b>Break</b>	
10:30	<b>“Fibre reinforced concrete in dapped-end beams”</b>	Elena V. Sarmiento, NTNU, Norway
11:00	<b>“Fatigue Analysis of Bascule Bridge Detail”</b>	Coen van der Vliet and Peter Konijnenbelt Arcadis, the Netherlands
11:30	<b>“Study of the behaviour of reinforced concrete slabs subjected to concentrated loads near supports”</b>	Beatrice Belletti, Cecilia Damoni, Max A.N. Hendriks* University of Parma, Italy *Delft University of Technology, the Netherlands & NTNU, Norway
12:00	<b>“Modelling of Bond Behaviour of Naturally corroded Reinforcement in concrete structural Members”</b>	Mohammad Tahershamsi, Eyrún Gestsdóttir, Tómas Guðmundsson and Karin Lundgren Chalmers University of Technology, Sweden
12:30	<b>Lunch</b>	
13:30	<b>“The use of DIANA for non-linear finite element analysis in the advanced concrete structures course at Chalmers”</b>	Mario Plos Chalmers University of Technology, Sweden
14:00	<b>“FEM analysis of reinforced concrete decks with compressive membrane action“</b>	Cornelis van der Veen and Gert Jan Bakker Delft University of Technology, the Netherlands
14:30	<b>“Non-linear finite element analysis of steel fibre reinforced concrete in combination with conventional reinforcement”</b>	David Fall and Karin Lundgren Chalmers University of Technology, Sweden
15:00	<b>Break</b>	
15:30	<b>“Structural appraisal of existing box girders”</b>	Henco Burggraaf TNO, the Netherlands
16:00	<b>“Numerical Modelling of Textile Reinforced Concrete”</b>	Natalie Williams Portal Chalmers University of Technology, Sweden
16:30	<b>Social part of the event</b>	
	<b>City / Harbour tour</b>	
	<b>Dinner at 19:30</b>	Restaurang <a href="#">TVÅKANTEN</a> , Kungsportsavenyn 27, Gothenburg

## Friday 26 April 2013

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- 8:30**      **“Crack assessment of hardening concrete structures: Comparisons between DIANA and two alternative programs and experimental results”**  
Anja B.E.Klausen, Øyvind Bjøntegaard, Terje Kanstad  
NTNU, Norway
- 9:00**      **“Finite element modeling of a two-way slab with different approaches”**  
Jiangpeng Shu, Mario Plos, Kamyab Zandi Hanjari, Karin Lundgren  
Chalmers University of Technology, Sweden
- 9:30**      **”Modelling of tensile membrane action at very large displacements by use of DIANA”**  
Dirk Gouverneur , Robby Caspeele , Luc Taerwe  
Ghent University, Magnel Laboratory, Belgium

**10:00**      **Break**

- 10:30**      **“Keeping track of the crack”**  
Max A.N. Hendriks, Arthur T. Slobbe  
Delft University of Technology, the Netherlands  
& NTNU, Norway
- 11:00**      **“Anchorage of corroded bars: from cover cracking to cover spalling”**  
Kamyab Zandi Hanjari  
CBI and Chalmers University of Technology, Sweden

**11:30**      **Closing remarks of the event**

**11:35**      **DIANA Release 9.4.5**  
Gerd-Jan Schreppers  
TNO DIANA BV, the Netherlands

**12:00**      **Users wishlist**      All participants

**13:00**      **Lunch**

**14:00**      **Final Closing**