

	<b>TUESDAY February 14, 2017</b>	<b>WEDNESDAY February 15, 2017</b>	<b>THURSDAY February 16, 2017</b>
8.00		Registration desk open	Registration desk open
9.00		<b>OPENING SESSION</b> Opening words and purpose of the Workshop <b>Risto Kiviluoma</b>	<b>SESSION 4 "Projects and case studies"</b> Chair <b>Risto Kiviluoma</b>
9.15		<b>Keynote 1</b> Understanding the origins of human errors <b>Marija Bertovic</b>	<b>Keynote 4</b> Natural hazards in South America. Application methodology of local risk disaster management on Chilean Patagonia <b>Matias Valenzuela</b>
9.30			Causes of structural failures and incidents with steel structures <b>Göran Alpsten</b>
9.45		<b>Keynote 2</b> Review of bridge collapses worldwide 1966 - 2017 <b>Anton Syrkov</b>	Structural failure studies <b>Jan Bujnak</b>
10.15		<b>Coffee at 10.15-10.30</b>	
10.30		<b>SESSION 1 "Human factor and ignorance"</b> Chair <b>Risto Kiviluoma</b>	<b>SESSION 5 "Uncertainties 2"</b> Chair <b>Matias Valenzuela</b>
		<b>Invited lecture</b> Strength defects of new concrete structures in Finland <b>Jouni Punkki</b>	<b>Keynote 5</b> Strength properties of existing timber structures – uncertainty of the estimation <b>Gerhard Fink</b>
11.00		Risk-based thinking and knowledge in engineering organizations <b>Jörg-Martin Hohberg</b>	Improving structural safety in the alteration and refurbishment of old buildings <b>David Oloke</b>
11.20		Should we focus on human or organizational factors? <b>Karel Terwel</b>	Can independent proof of structural design projects be substituted by qualification of the personal and by internal check? <b>Wolfram Jäger</b>
11.40		Influence of human error on structural reliability <b>Eric Brehm</b>	Shortsighted Leadership in Construction <b>Peter Sarlos</b>
12.00		<b>Lunch at 12.00-13.00</b>	
13.00		<b>SESSION 2 "Uncertainties 1"</b> Chair <b>Reijo Kouhia</b>	<b>SESSION 6 "Robustness"</b> Chair <b>Gerhard Fink</b>
		Application of rough set theory to rule-type knowledge discovery from field inspection data on highway bridges <b>Ayaho Miyamoto</b>	Design of steel and composite structures for robustness <b>Nadine Hoffmann</b>
13.20		Analysis and repair of Vestmoen Bridge <b>Lars Toverud</b>	A simplified method for evaluation of robustness of bridges <b>Martyna Kainulainen</b>
13.40		Structural safety assessment of a suspension bridge using analysis model updating <b>Junyong Park</b>	Structural robustness at the conceptual stage <b>Aurélie Deschuyteneer</b>
14:00		Hidden defects in bridges, guidance on detection and management – forthcoming CIRIA report <b>Marcos Sanchez</b>	Check bridges on survivability <b>Alexandr Vasiliev</b>
14:20		<b>Coffee 14.20-14.40</b>	
14.40		<b>SESSION 3 "Analysis"</b> Chair <b>Anton Syrkov</b>	<b>PANEL DISCUSSION 2</b> Moderator <b>Risto Kiviluoma</b> Panel Discussion of workshop themes, keynote speakers of the workshop and the audience Closing of the Workshop
		<b>Keynote 3</b> Pitfalls in numerical analysis of structures <b>Reijo Kouhia</b>	
15.10	Check-in to the hotel starting at 14.00	Uncertainties and human errors in the design and execution of steel structures <b>Göran Alpsten</b>	<b>Bus transportation to the airport and Helsinki City centre at 15.15</b>
15.15		Estimation of structural safety for internally grouted post-tensioned external tendons <b>Yeun Chul Park</b>	
15.30		Analytical study of fatigue-crack propagation on web-gap plates <b>Ryo Tobita</b>	
15.50		<b>Break</b>	
16.10		<b>PANEL DISCUSSION 1</b> Moderator <b>Risto Kiviluoma</b> Panel discussion of day's topics Keynote speakers of the day and the audience	
16.15			
16.45			
18.00	<b>Get-together at Gustavelund at 18.00-20.00</b>		
18.30			
19.00		<b>Dinner at Gustavelund at 19.00-22.00</b>	