

Wednesday 21 September 2016		Session Chair	
8:30-8:45	REGISTRATION		
8:45-9:00	WELCOME NOTE	Skavhaug	Amund
9:00-10:00	INVITED TALK 1: Manuel Oriol (ABB), Transferring R to D: Going the Extra Mile	Guiochet	Jeremie
SESSION 1 : FAULT INJECTION			
10:00-10:30	9 <i>FISSC: a Fault Injection and Simulation Secure Collection</i>	Louis Dureuil, Guillaume Petiot, Marie-Laure Potet, Thanh-Ha Le, Aude Crohen and Philippe de Choudens	
10:30-11:00	28 <i>FIDL: A Fault Injection Description Language for Compiler-based SFI Tools</i>	Maryam Raiyat Alibadi and Karthik Pattabiraman	
11:00-11:30	Coffee break		
SESSION 2 : SAFETY ASSURANCE			
11:30-12:00	48 <i>Using Process Models in System Assurance</i>	Richard Hawkins, Thomas Richardson and Tim Kelly	Gallina Barbara
12:00-12:30	56 <i>The Indispensable Role Of Rationale In Safety Standards</i>	John Knight and Jonathan Rowanhill	
12:30-13:00	73 <i>Composition of Safety Argument Patterns</i>	Ewen Denney and Ganesh Pai	
13:00-14:00	LUNCH BREAK		
SESSION 3 : FORMAL VERIFICATION			
14:00-14:30	5 <i>Formal Analysis of Security Properties on the OPC-UA SCADA Protocol</i>	Maxime Puy, Marie-Laure Potet and Pascal Lafourcade	Waeselynck Helene
14:30-15:00	10 <i>A dedicated algorithm for verification of interlocking systems</i>	Quentin Cappart and Pierre Schaus	
15:00-15:30	47 <i>Catalogue of System and Software Properties</i>	Victor Bos, Harold Bruintjes and Stefano Tonetta	
15:30-16:00	72 <i>A High-Assurance, High-Performance Hardware-Based Cross-Domain System</i>	David Hardin, Konrad Slind, Mark Bortz, James Potts and Scott Owens	
SESSION 4 : Fast Abstracts 60"			
16:00-17:00	Fast abstracts to be announced / Coffee break		Guiochet Jeremie
17:00-17:30			
18:00-20:30	Social Events		
Thursday 22 September 2016			
8:30-9:00	REGISTRATION		
9:00-10:00	INVITED TALK 2 : Alan Burns (Univ. York), Mixed Criticality Systems		Saglietti Francesca Heisel Marita
SESSION 5 : AUTOMOTIVE			
10:00-10:30	62 <i>Using STPA in an ISO 26262 compliant process</i>	Archana Mallya, Vera Pantelic, Morayo Adedjouma, Mark Lawford and Alan Wassyng	
10:30-11:00	67 <i>A Review of Threat Analysis and Risk Assessment Methods in the Automotive Context</i>	Georg Macher, Eric Armengaud, Eugen Brenner and Christian Kreiner	
11:00-11:30	Coffee break		
SESSION 6 : ANOMALY DETECTION AND RESILIENCE			
11:30-12:00	7 <i>Context-Awareness to improve Anomaly Detection in Dynamic Service Oriented Architectures</i>	Tommaso Zoppi, Andrea Ceccarelli and Andrea Bondavalli	Seguin Christel
12:00-12:30	36 <i>Towards Modelling Adaptive Fault Tolerance for Resilient Computing Analysis</i>	William Excoffon, Jean-Charles Fabre and Michael Lauer	
12:30-13:00	46 <i>Automatic Invariant Selection for Online Anomaly Detection</i>	Flavio Frattini, Leonardo Aniello, Claudio Ciccotelli, Marcello Cinque, Leonardo Querzoni and Stefano Russo	
13:00-14:00	LUNCH BREAK		
SESSION 7 : CYBER SECURITY 1			
14:00-14:30	37 <i>Modelling Cost-efficiency of Defenses in Industrial Control Systems</i>	Andrew Fielder, Tingting Li and Chris Hankin	Schmitz Christopher
14:30-15:00	40 <i>Your Industrial Facility and Its IP Address: a First Approach for Cyber-Physical Attack Modeling</i>	Robert Clausing, Robert Fischer, Jana Dittmann and Yongjian Ding	
15:00-15:30	74 <i>Towards Security-Explicit Formal Modelling of Safety-Critical Systems</i>	Elena Troubitsyna, Linas Laibinis, Inna Pereverzeva, Tuomas Kuismin, Dubravka Ilic and Timo Latvala	
15:30-16:00	EWICS presentation		
16:30-18:30			
19:00	APÉRITIF / DRINKS		
20:00	BANQUET		
Friday 23 September 2016			
8:30-9:00	REGISTRATION		
9:00-10:00	INVITED TALK 3 : Håkon Olsen (Lloyd's Register), Integrating security in design of safety-critical control systems – a change in mindset for engineers		Skavaugh Amund Ortmeier Franck
SESSION 8 : FAULT TREES			
10:00-10:30	14 <i>Advancing Dynamic Fault Tree Analysis - Get succinct state spaces fast and synthesise failure rates</i>	Matthias Volk, Sebastian Junges and Joost-Pieter Katoen	
10:30-11:00	70 <i>Effective Static and Dynamic Fault Tree Analysis</i>	Ola Baeckstroem, Yuliya Butkova, Holger Holger Hermanns, Jan Krcaľ and Pavel Krcaľ	
11:00-11:30	Coffee break		
SESSION 9 : SAFETY ANALYSIS			
11:30-12:00	32 <i>SAFER-HRC: Safety Analysis through Formal vERification in Human-Robot Collaboration</i>	Mehrnoosh Askarpour, Dino Mandrioli, Matteo Rossi and Federico Vicentini	Heegaard Poul
12:00-12:30	49 <i>Adopting the Orthogonal Defect Classification Taxonomy to the Space Domain</i>	Nuno Silva and Marco Vieira	
12:30-13:00	54 <i>Towards Cloud-Based Enactment of Safety-Related Processes</i>	Sami Alajrami, Barbara Gallina, Irfan Slijvo, Alexander Romanovsky and Petter Isberg	
13:00-14:00	LUNCH BREAK		
SESSION 10 : CYBER SECURITY 2			
14:00-14:30	17 <i>A New SVM-Based Fraud Detection Model for AMI</i>	Marcelo Zanetti, Edgard Jamhour, Marcelo Pellenz and Manoel Penna	Laarouchi Youssef
14:30-15:00	34 <i>Exploiting trust in deterministic builds</i>	Christopher Jämthagen, Patrik Lantz and Martin Hell	
15:00-15:30	Closing session / SAFECOMP 2017 (Stefano Tonetta)		