

# Program of the International Cross-industry Safety Conference (ICSC) 2016 Amsterdam, 3<sup>rd</sup> -4<sup>th</sup> November 2016

**Location:** Holiday Inn Express Amsterdam - Arena Towers, Hoogoorddreef 66b, 1101 BE Amsterdam-Zuidoost

Information: [www.amsterdamuas.com/icsc](http://www.amsterdamuas.com/icsc)

Registration: Mrs. Gieta Inderdjiet ([g.m.inderdjiet@hva.nl](mailto:g.m.inderdjiet@hva.nl))

Program: Dr Nektarios Karanikas ([n.karanikas@hva.nl](mailto:n.karanikas@hva.nl))

Logistics and sponsorships: Mrs. Viktoria Balla-Kamper ([v.balla-kamper@hva.nl](mailto:v.balla-kamper@hva.nl))

## Thursday, 3<sup>rd</sup> November 2016 (Day 1)

8:30 – 09:00	Registration and coffee			
9:00 – 09:05	Welcome	Robert J. de Boer Amsterdam University of Applied Sciences, NL		
09:05 – 09:10	Introduction	Nektarios Karanikas Amsterdam University of Applied Sciences, NL		
9:10 – 10:20	Session 1 Chair: Nektarios Karanikas	09:10 – 09:50	<b>Keynote Speaker: Neville Stanton</b> Professor of Human Factors in Transport at the University of Southampton, UK	The Human Factors Perspective – From Micro, to Meso, to Macro Models of Safety in Systems
		09:55 – 10:20	Ray Master*, Rick Strycker** * Construction Risk Partners, USA ** Why Not Partnering, USA	Dressed to Kill: The 130 Liberty Street/Deutsche Bank Fire Lessons Learned in Complexity, Leadership and Performance

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10:20 – 10:40	Coffee break			
10:40 – 12:05	Session 2  Chair: Alfred Roelen	10:40 – 11:05	Sascha Feistkorn, Daniel Algernon & Michael Scherrer  SVTI – Swiss Association of for Technical Inspections, CH	POD and GUM Universal Methods for Making Safety Measurable
		11:10 – 11:35	Mohammad Rajabalinejad  University of Twente, NL	Naive Fault Trees for System Design
		11:40 – 12:05	Daniel Algernon, Sascha Feistkorn & Michael Scherrer  SVTI – Swiss Association of for Technical Inspections, CH	Implementation of a Performance Evaluation System for Non-destructive Testing Methods
12:05 – 13:00	Lunch break			
13:00 – 14:10	Session 3  Chair: Simon Whiteley	13:00 – 13:40	<b>Keynote Speaker: David Lindley</b>  Aviation Safety Consultant at MBDA, UK	How Safe Should a System be Whose Primary Design Objective is to Be Unsafe?
		13:45 – 14:10	Anastasios Plioutsias*, Nektarios Karanikas** & Maria Mikela Chatzimichailidou***  * National Technical University of Athens, GR ** Amsterdam University of Applied Sciences, NL *** University of Cambridge, UK	How Completely and Similarly Do Safety Authorities Address Hazards Posed by New Technology? A Paradigm from Small Drones Operations
14:10 – 14:30	Coffee break			
14:30 – 15:55	Session 4  Chair: Selma Piric	14:30 – 14:55	Heinz J Gloeckner  DLR GfR mbH, DE	Satellite Operations Safety and Efficiency Win Win

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		15:00 – 15:25	Joram Verstraeten, Gerben van Baren & Rombout Wever  Netherlands Aerospace Centre, NL	The Risk Observatory: Developing an Aviation Safety Data Sharing Platform in Europe
		15:30 – 15:55	Rudi Den Hertog*, Brian Smith** & Alfred Roelen***  * Netherlands Aircraft Company, NL **NASA, USA ***Netherlands Aerospace Centre, NL	Aviation Safety Concerns for the Future
15:55 – 16:15	Coffee break			
16:15 – 17:00	<b>Plenary Discussion</b> Moderator: Robert J. de Boer	<b>What Does the Industry Need from the Academia in the Area of Safety?</b>  Panel: Neville Stanton*, John Stoop**, David Lindley*** & Bart Poolman***  * University of Southampton, UK ** Kindunos Safety Consultancy, NL *** Aviation Safety Consultant, UK **** Heerema Marine Contractors, NL		
17:00 – 17:15	Day closing - Logistics	Robert J. de Boer & Nektarios Karanikas  Amsterdam University of Applied Sciences, NL		
18:30	Dinner at Vondelpark/3 Kitchen and Bar, Vondelpark 3, 1071 AA, Amsterdam, <a href="http://www.vondelpark3.nl/en/">http://www.vondelpark3.nl/en/</a> (cost included in the conference registration fees)			

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## Friday, 4<sup>th</sup> November 2016 (Day 2)

8:45 – 9:00	Registration and coffee			
9:00 – 10:10	Session 5  Chair: John Stoop	09:00 – 09:40	<b>Keynote Speaker: Johan Svenningsson</b>  CEO Sydkraft Nuclear Power AB & Country Chairman Uniper, SE	How Does Measuring Safety Help Us Understand and Continuously Improve Current “Safety Levels” in Our Organization?
		09:45 – 10:10	Maria Mikela Chatzimichailidou*, Nektarios Karanikas** & Ioannis Dokas***  * University of Cambridge, UK ** Amsterdam University of Applied Sciences, NL *** Democritus University of Thrace, GR	Measuring Safety Through the Distance Between System States with the RiskSOAP Indicator
10:10 – 10:30	Coffee break			
10:30 – 11:55	Session 6  Chair: Martin Rejzek	10:30 – 10:55	John Stoop  Kindunos Safety Consultancy, NL	Safety is a System State
		11:00 – 11:25	Jan Helderman  NATO Airlift Management Programme, HU	Compliance or Due Regard of Military Aviation Organizations with EC Basic Regulation 216/2008
		11:30 – 11:55	Medi Rachman, Bernard Mees & Simon Fry  RMIT University, AU	The Influence of Indonesian National and Military Organisational Culture on Aviation Safety
11:55 – 13:00	Lunch break			
13:00 – 14:10	Session 7  Chair: Steffen Kaspers	13:00 – 13:40	<b>Keynote Speaker: Bart Poolman</b>  Lead QA/SHE Advisor for Heerema Marine Contractors, NL	A Practical View on Measuring Safety in the Offshore Oil & Gas Industry.

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		13:45 – 14:10	Nippin Anand  DNV GL, UK	The Application of Functional Resonance into Shipboard Operations: A Case Study of Mooring Operations
14:10 – 14:30	Coffee break			
14:30 – 15:55	Session 8  Chair: Maria Mikela Chatzimichailidou	14:30 – 14:55	Steffen Kaspers, Nektarios Karanikas, Alfred Roelen, Selma Piric, Robbert van Aalst & Robert J. De Boer  Amsterdam University of Applied Sciences, NL	Exploring the Diversity in Safety Measurement Practices: Empirical Results from Aviation
		15:00 – 15:25	Ilias Panagopoulos, Ivan Sikora & Chris Atkin  City University London, UK	LeanSix Sigma in Aviation Safety: A Step Guide for Measuring Aviation System Safety Performance
		15:30 – 15:55	Lee Murton  Institution of Engineering & Technology (IET), UK	Promoting Safety through the IET Technical & Professional Networks and Engineering Communities
15:55 – 16:15	Closing – Group photograph	Robert J. de Boer & Nektarios Karanikas  Amsterdam University of Applied Sciences, NL		