

## Program of the International Cross-industry Safety Conference (ICSC) 2017 Amsterdam, 1-3 November 2017

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

Registration: Ms. Sanne van Dorp ([m.j.dorp@hva.nl](mailto:m.j.dorp@hva.nl))

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

Logistics and sponsorships: Ms. Sanne van Dorp ([m.j.dorp@hva.nl](mailto:m.j.dorp@hva.nl))

**Wednesday, 1<sup>st</sup> November 2017 (Tutorials\*) - Location:** Hogeschool van Amsterdam, Faculty of Technology, Weesperzijde 190, 1097 DZ, Amsterdam (<http://www.hva.nl/locaties/hva-locaties/leeuwenburg.html>)

13:30 – 13:45	Registration and coffee		Room A1.20
13:45 – 15:15	Ten steps to achieve safety leadership	Instructor: Robert J. de Boer Amsterdam University of Applied Sciences	Room A1.20
	Increasing depth, fairness and effectiveness of safety investigations	Instructor: Nektarios Karanikas Amsterdam University of Applied Sciences	Room A1.48
15:15 – 15:30	Coffee break		Room A1.20
15:30 – 17:00	Safety metrics: assess and quantify the gap between Work-as-Imagined and Work-as-Done	Instructor: Nektarios Karanikas Amsterdam University of Applied Sciences	Room A1.48
* Tutorial details are subject to change. Registrants will be informed accordingly before the ICSC.			

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**Thursday, 2<sup>nd</sup> November 2017 (Conference Day 1) - Location:** Hotel Casa, Eerste Ringdijkstraat 4, 1097 BC Amsterdam

8:30 – 09:00	Registration and coffee		
9:00 – 09:05	Welcome	Robert J. de Boer  Amsterdam University of Applied Sciences, Netherlands	
09:05 – 09:10	Introduction	Nektarios Karanikas  Amsterdam University of Applied Sciences, Netherlands	
9:10 – 10:20	Session 1  Chair: Robert J. de Boer	09:10 – 09:50	<b>Keynote Speaker: Dave Snowden</b>  Founder and Chief Scientific Officer at Cognitive Edge, Singapore/United States/United Kingdom
		09:55 – 10:20	John Stoop  Kindunos Consultancy, Netherlands  Drift into failure, an obsolete construct
10:20 – 10:40	Coffee break – Poster Exhibition		
	Session 2  Chair: Maria Mikela Chatzimichailidou	10:40 – 11:05	Colin Russell  Baines Simmons, United Kingdom  Safety leadership and the leaders age - Leading Teams from compliance to safety performance
		11:10 – 11:35	Konstantinos Stephanou  Estonian Business School, Estonia  The role of leadership for safe operations in High Reliability Organizations
		11:40 – 12:05	Martin Egerth  Lufthansa Aviation Training GmbH, Germany  Why we need more than technical and procedural competencies in the medical industry to improve patient safety
12:05 – 13:00	Group photograph - Lunch break		

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13:00 – 14:25	Session 3  Chair: Dimitrios Karabelias	13:00 – 13:25	Ioannis Lainos  Independent, Greece	Enhancing aviation safety by improving comparability and reliability of accident investigation reports: a focus on managerial facts
		13:30 – 13:55	David van Valkenburg and Rob Hoitsma  Humans@Work, Netherlands	Using incident investigations to create a shift in safety thinking
		14:00 – 14:25	Timothy van Goethem  SASM - Simian Army of Safety Monkeys, Belgium	When work as imagined goes wrong: context rich incidents deserve a context rich review
14:25 – 14:45	Coffee break - Poster Exhibition			
14:45 – 16:10	Session 4  Chair: Alexei Sharpeanskykh	14:45 – 15:10	Ilias Panagopoulos and Ivan Sikora  City University of London, United Kingdom	Improving accident analysis and prevention: A proposed approach to Quantified Risk Assessment through the development of risk acceptance criteria
		15:15 – 15:40	Emma Verschoor and Alex de Ruijter  CGE Risk Management Solutions, Netherlands	Visualising incidents with Bowtie
		15:45 – 16:10	Theodoros Morakis  National Technical University of Athens, Greece	The Safety Risk Event Avoidance Capability (SREAC) indicator
16:10 – 16:30	Coffee break - Poster Exhibition			

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16:30 – 17:25	Session 5  Chair: Anastasios Plioutsias	16:30 – 16:55	Maria Mikela Chatzimichailidou  Imperial College London, United Kingdom	COSYCO: An indicator for COmparing SYstem COnfigurations
		17:05 – 17:25	Rob Klees  Independent Consultant, Netherlands	Balance between production and safety interests
17:25 – 17:30	Day closing - Logistics	Robert J. de Boer & Nektarios Karanikas  Amsterdam University of Applied Sciences, Netherlands		
18:30	Dinner location: Restaurant RIVA, Amstelboulevard 1, 1096 HH Amsterdam, +31 (0) 207602030, <a href="mailto:info@caferestaurantriva.nl">info@caferestaurantriva.nl</a> (Walking distance from conference location)			

## Program of the International Cross-industry Safety Conference (ICSC) 2017 Amsterdam, 1-3 November 2017

**Friday, 3<sup>rd</sup> November 2017 (Conference Day 2) - Location:** Hotel Casa, Eerste Ringdijkstraat 4, 1097 BC Amsterdam

8:30 – 9:00	Registration and coffee		
9:00 – 10:40	Session 6  Chair: Nektarios Karanikas	09:00 – 09:40	<b>Keynote Speaker:</b> Ewout Hiltermann  Safety & Compliance Director, KLM Cityhopper, Netherlands
		09:45 – 10:10	Elizabeth Gnehm  International Civil Aviation Organization (ICAO)  Interface Risk Management
		10:15 – 10:40	Ilias Panagopoulos  NATO Airlift Management Programme, Hungary  Safety Management Systems and Dynamic Risk Management Dashboards
10:40 – 11:00	Coffee break - Poster Exhibition		
11:00 – 12:25	Session 7  Chair: Bart Poolman	11:00 – 11:25	Anastasios Plioutsias* and Dimitrios Tselios**  *National Technical University of Athens, Greece ** University of Applied Sciences of Thessaly, Greece  Decreasing the distance between international standards from different domains: The case of Project Management and aviation Safety Investigations
		11:30 – 11:55	Osiris A. Valdez Banda* and Floris Goerlandt**  *Aalto University, Finland **Delft University of Technology, Netherlands  A systematic design process for maritime safety management

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		12:00 – 12:25	Panagiotis Sotiriadis*, Dimitrios Zorbas**, Nikolaos Tsigkros** and Konstantinos Lazaridis**  *Ministry of National Defence, Greece **Hellenic Air Force, Greece	The interrelation of Flight & Ground Safety and Occupational Safety & Health within an aviation organization
12:25 – 13:30	Lunch break			
13:30 – 14:55	Session 8  Chair: Panagiotis Sotiriadis	13:30 – 13:55	Cengiz Turkoglu  Cranfield University, United Kingdom	Introducing Risk Culture as a new dimension of Safety Culture in Commercial Air Transport
		14:00 – 14:25	Paul de Korte and Corrie Pitzer  SAFEmap, Netherlands/Canada	Transforming safety.....differently
		14:30 – 14:55	Robbert van Aalst  Amsterdam University of Applied Sciences, Netherlands	A Metric for the Complexity Designed into Socio-Technical Systems
14:55 – 15:15	Coffee break - Poster Exhibition			
15:15 – 16:40	Session 9  Chair: Mohammad Rajabalinejad	15:15 – 15:40	Robert J. de Boer  Amsterdam University of Applied Sciences, Netherlands	Using narratives to identify safety issues in helicopter maintenance
		15:45 – 16:10	Thomas Hofmann and Malte Syndicus  University of Applied Sciences Osnabrueck, Germany	Emotional Impact in designing ATC workspaces – how to involve air traffic controllers into an HMI design process

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		16:15 – 16:40	Alexei Sharpeanskykh and Mannat Kaur  Delft University of Technology, Netherlands	Conceptual and computational modelling of coordination mechanisms in air traffic management
16:40 – 17:00	Closing remarks and conference closing	Robert J. de Boer & Nektarios Karanikas  Amsterdam University of Applied Sciences, Netherlands		

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### List of Posters – Thursday 2<sup>nd</sup> and Friday 3<sup>rd</sup> November 2017

Achieving safety leadership	Robert J. de Boer Amsterdam University of Applied Sciences, NL
Introducing the AVAC-SMS tool for the assessment of aviation Safety Management Systems	Nektarios Karanikas Amsterdam University of Applied Sciences, Netherlands
Safety performance indicators based on the difference between required and available resources	Alfred Roelen Amsterdam University of Applied Sciences, NL Netherlands Aerospace Centre, NL
Indicators for effectiveness of risk control measures	Alfred Roelen Amsterdam University of Applied Sciences, NL Netherlands Aerospace Centre, NL
Introducing the Aviation Academy Safety Culture Prerequisites (AVAC-SCP) Tool	Selma Piric Amsterdam University of Applied Sciences, NL
The gap between Work-as-Imagined and Work-as-Done as an indicator for safety	Steffen Kaspers Amsterdam University of Applied Sciences, NL