



	Monday June 11 - FRAM Tutorial
12:45 - 13:30	Registration (Tutorial only)
13:30 - 15:30	Tutorial: Introduction to FRAM part I - Erik Hollnagel
15:30 - 15:45	Coffee break
15:45 - 17:30	Tutorial: Introduction to FRAM part II - Erik Hollnagel
17:30	Welcome drink and apéro

	Tuesday June 12	
09:00 - 09:30	Registration and coffee	
09:30 - 10:00	Welcome and practical details - Erik & David	
	FRAM in practice I (Chair: Erik Hollnagel)	
10:00 - 10:20	D. McNab et al.	Participatory design of a complex improvement intervention for the primary care management of Sepsis using the Functional Resonance Analysis Method
10:20 - 10:40	Nippin Anand, David Slater	Writing Better Procedures using FRAM
10:40 - 11:00	Yasutaka Michiura	FRAM analysis on two spacecraft accidents
11:00 - 11:20	Axel Ros, Erik Hollnagel	The use of FRAM in a government investigation in health care in Sweden.
11:20 - 11:40	Jeanette Hounsgaard	Understanding and using the ETTO principle in modelling with FRAM
11:40 - 12:30	Plenary discussion: Experiences from practice	
12:30 - 13:30	Lunch	
13:30 - 13:50	FRAM in practice II (Chair: Ivonne Herrera)	
	Nikki Damen	Preoperative anticoagulation management in everyday clinical practice
13:50 - 14:10	Toshinori Omura et al.	FRAM model for driving a car
14:10 - 14:30	Lucio V Rosa et al.	A Resilience Engineering Approach for Sustainable Safety in Green Construction
14:30 - 15:00	Plenary discussion: Experiences from practice	
15:00 - 15:30	Coffee break	

	FRAM in combination with other tools and methods (Chair: Jeanette Hounsgaard)	
15:30 - 15:50	Takayuki Hirose, Tetsuo Sawaragi, Yukio Hiroguchi	Numerical Safety Analysis of Complex Supply-Chain Systems Integrating Functional Resonance Analysis Method and Cellular Automaton
15:50 - 16:10	Doug Smith	A method for visualizing functional dynamics and operational scenarios
16:10 - 16:30	Jan Magott, Jacek Skorupski	Quantification of FRAM models using Coloured Petri Nets
16:30 - 16:50	Yuranan Kitrungrotsakul	Weight Function Model for Quantitative Analysis of Functional Resonance Analysis Method
16:50 - 17:10	Yoshinari Toda	FRAM/STPA: A hazard analysis method for FRAM mode
19:00	<i>Dinner</i>	

	Wednesday June 12	
	FRAM in practice III (Chair: Pedro Ferreira)	
08:30 - 08:50	Keita Sakemi et al.	Clarification of Design Philosophy for Railway Crossing System Based on FRAM
08:50 - 09:10	Tenna Bloch Olesen	Using FRAM to get insight in the medication reconciliation workflow for patients being when discharged
09:10 - 09:30	María del Carmen Pardo-Ferreira, Juan Carlos Rubio-Romero	Applying FRAM to the construction of concrete structures
09:30 - 09:50	Sira Skibsholt	Using FRAM to identify possible interventions for improving patient safety
09:50 - 10:10	Liz Buikstra	Using FRAM to analyse Medication Administration Incidents
10:10 - 10:30	Plenary discussion: experiences from practice	
10:30 - 11:00	<i>Coffee break</i>	
	Introducing FRAM to newbies (Chair: Arie Adriaansen)	
11:00 - 11:20	Aaisha Farooqi et al.	Exploring the practical application of FRAM in a rail engineering context
11:20 - 11:40	Mikkel Ussing, Bettina Ravnborg Thude	Systematic training programme in the use of FRAM
11:40 - 12:30	Plenary discussion: How should FRAM be introduced - and taught - to others?	
12:30 - 13:30	<i>Lunch</i>	
13:30 - 14:30	Clinic (asking and answering questions about FRAM in the plenary) Erik	
14:30 - 15:30	FRAM Fringe: Innovative FRAM applications (Chair: Alastair Ross)	
	Hideki Nomoto, David Slater	Decision making under Uncertainty - It's all in the Functions of the Mind!
	Shigeru Kusakabe	Analysing Resonance of Motivation in Software Development Process Training by Using FRAM
	Riccardo Patriarca	myFRAM: An Open Tool Support for the FRAM
15:30 - 16:00	Closing of the workshop and welcome to FRAMily 2019 - Erik, David Juan Carlos	

