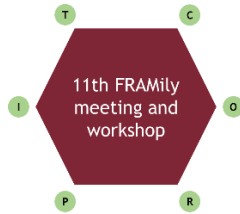


Programme of the 11th FRAMily Meeting & Workshop Rome (Italy), 24th -26th May 2017

Wednesday 24th May		Tutorial	
12:30 – 13:30	Reception and registration		
13:30 – 15:30	Tutorial Part I: Understanding how something happens	Erik Hollnagel	
15:30 – 16:00	Coffee break		
16:00 – 17:30	Tutorial Part II: First steps to using the FRAM	Erik Hollnagel	
18.00 – 20.00	Functional Resonance in the Ancient Rome – A guided walking tour for FRAMily participants		

Thursday 25th May		Workshop day 1 – Part I	
09.00 – 09.30	Reception and Registration		
09.30 – 10.00	Welcome – Opening	Massimo Tronci	
10.00 – 10.30	Introduction to FRAM and FRAMily	Erik Hollnagel	
10.30 – 11.00	Coffee break		
11.00 – 13.00	FRAM for modelling complex adaptive socio-technical systems: System analysis		
	FRAM analysis of walking in Tokyo Station	Hideki Nomoto	
	Modeling Nuclear Safety: A Sociotechnical Systems Approach	A. Abalkhil	
	Using FRAM to reduce skill mismatch: an application to public employment offices guidelines	Cristina Martelli, Flora Salvatori	
	Five years of applying FRAM in Danish Health care settings	Jeanette Hounsgaard	
	FRAMily discussion	All	
13.00 – 14.00	Lunch		
14.00 – 15.30	FRAM for modelling complex adaptive socio-technical systems: The effects of standardization		
	Effect of standardization on the partial process of wheelset exchange in a repair center of Swiss Federal Railways	Manuela Vieli, Toni Wäfler	
	Functional modelling of the expected and actual impact of resilience guidelines on European critical infrastructure crisis management – added value of functional modelling for crisis management?	Rogier Woltjer, Ivonne Herrera, Matthieu Branlat	
	Understanding the impacts of enhanced automation in future ATM performance	Pedro Ferreira, José Juan Canas Delgado, Fedja Netjasov, Bojana Mirkovic, Eva Puntero Parla, Sara Rodrigues Gomex, Francesca De Crescenzo, Francesca Lucchi, Fernando Comendador	
	FRAMily discussion	All	



Thursday 25 th May	Workshop day 1 - Part II
15.30 - 16.00	Coffee/Tea break
16.00 - 16.30	Summary of the day
16.30 - 17.30	Special Session: Who FRAMs to be a millionaire?
19.00 - 20.00	FRAMily in piazza
20.00 - 22.30	FRAMily special dinner

Friday 26 th May	Workshop - day 2	
09.00 - 09.30	Reception and Registration	
09.30 - 10.30	FRAM for modelling complex adaptive socio-technical systems: System design	
	Analyzing Software Development Process using FRAM - Case study of personal level software process	Shigeru Kusakabe
	FRAM supporting the implementation of a patient responsible consultant	Jeanette Hounsgaard
	FRAMily discussion	All
10.30 - 11.00	Coffee/Tea Break	
11.00 - 13.00	WTF!?! - What the...FRAM Strengths, Weakness and the potential for further research	
	Automation of the FRAM method for the purpose of hazard analysis	M. Pielick, M. Mraz
	Applying and visualizing the FRAM for Arctic ship navigation	Doug Smith
	A multi-layer FRAM: the Abstraction/Agency framework for modelling complex socio-technical systems	Riccardo Patriarca, Giulio Di Gravio, Francesco Costantino, Johan Bergström
	Functional Analysis of a Joint Cognitive System: Agent and Inter-Agent Transformations of Information Flow, a case study in a Cockpit Environment	Arie Adriaensen, Riccardo Patriarca, Anthony Smoker, Johan Bergström
	FRAMily discussion	All
13.00 - 14.00	Lunch	
14.00 - 14.30	Summary of the day	All
14.30 - 15.30	Critical Discussion on FRAM and FRAMily - Current state and future perspectives	All