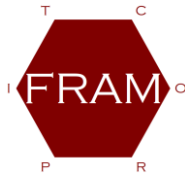


## 10<sup>th</sup> Workshop on the Functional Resonance Analysis Method (FRAM)

### Draft Agenda

Wednesday	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 – 18:00	Tutorial Part II: First steps to using the FRAM	Erik Hollnagel
Thursday	WS day 1	
09:00 – 09:30	Reception and registration	
09:30 – 10:00	Introduction: 10 year of FRAMily – from toddler to teenager	Erik Hollnagel
10:00 – 10:30	Presentation	Jeanette Hounsgaard: <i>FRAM and implementation of Safeward</i>
10:30 – 11:00	Coffee break	
11:00 – 13:00	FRAM clinic	All
13:00 – 14:00	Lunch	
14:00 – 15:30	FRAM and safety management – the challenges of “work as done” versus “work as imagined”	Nippin Anand: <i>Boxing and dancing - The challenges of enforcement in global shipping</i> Doug Smith: <i>Experiences using FRAM in engineering and the maritime domain</i>
15:30 – 16:00	Coffee break	
16:00 – 16:30	FRAM and safety management	Gianluca Del Pinto: <i>FRAM model applied to the Aerodrome Air Traffic Control to manage the variability in regard of runway incursion</i>
16:30 – 17:30	Breakout session	Simon Albery: The visualisation of FRAM
17:30 – 18:00	Summary of day 1 and additional questions	All
19:00 – 20:00	Sunset drinks in Lisbon	Esplanada da Graça: <i>Largo da Graça</i>



10<sup>th</sup> FRAM- Workshop on the  
Functional Resonance Analysis Method (FRAM)  
for Modelling Complex Socio-Technical Systems



20:00 – 22:30	FRAMily dinner and 10 <sup>th</sup> birthday celebration	Via Graça: Rua Damasceno Monteiro 9-B, 1170-108 Lisboa
<b>Friday</b>	<b>WS day 2</b>	
09:00 – 10:30	FRAM and safety management	Dominic Furniss: <i>Using FRAM beyond safety: A case study to explore how sociotechnical systems can flourish or stall</i>  Benedicte Schou: <i>Use of the FRAM as Accident Analysis tool in Risk Management</i>
10:30 – 11:00	Coffee break	
11:00 – 11:30	FRAM and quantification	Marcus Arenius: <i>From quantitative to qualitative: Transforming quantitative data regarding the distribution of visual attention into a representation compatible with FRAM</i>
11:30 – 13:00	FRAM as a front-end to other analysis methods	Riccardo Patriarca: <i>Monte Carlo simulation to assess performance variability in the FRAM</i>  Cristina Martelli: <i>FRAM visualizer and relational databases integrated approach: potentialities and perspectives</i>
13:00 – 14:00	Lunch	
14:00 – 15:30	The way ahead: FMV and FMI	Breakout session with an introduction.
15:30 – 16:00	Summary of day 2 and closing comments	Pedro Ferreira & Erik Hollnagel