

The background image shows a large, ornate fountain in the foreground on the left, with water spraying upwards. Behind the fountain is a grand, classical-style building with white columns and a pediment. Two Swedish flags are flying on tall poles in front of the building. The sky is clear and blue. The overall scene is bright and sunny.

# FRAMily Meeting and workshop 2024

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3-5 June 2024

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LUND University, Sweden

Agenda

## Monday 3<sup>rd</sup> of June 2024

Time	Session & Presentation name	Presenter	Session Chair(s)
12:30 - 13:00	Lunch and gathering at Pufendorf		
14:00 - 17:00	FRAM Tutorial	Arie Adriaensen Riccardo Patriarca	David Slater
17:30	ESS visit		

## Tuesday 4<sup>th</sup> of June 2024

Time	<b>Welcome and Introduction</b>	Presenter	Session Chair(s)
08:15 - 09:00	Registration and Welcome Coffee		
09:00 - 09:15	Introduction	David Slater	
09:15 - 09:45	Keynote 4 <sup>th</sup> June	Ralph MacKinnon	David Slater
09:45 - 10:45	<b>Planning a FRAM Study</b>		Rogier Woltjer
	Navigating cancer care pathway: exploring patient and practitioner perspectives for early detection using FRAM (Abstract F4)	Mariam Safi, Bettina Ravnborg Thude	
	FRAM and Change Management. (Abstract F8)	Jeanette Hounsgaard	
	Talking Heads discussion		
10:45 – 11:15 Coffee Break			

Time	<b>FRAM Simulation</b>		David Slater
	A proposal of simulation model for FRAM based on the concept of Petri nets (Abstract F2)	Kyosuke Takahashi, Hitoshi Inomo, Terutoshi Tomotoki	
	Dynamic Variability Modelling: Why? How? And where to next? (Abstract F9)	Doug Smith	
	Scoping the FRAM: Utilizing Machine Learning to Augment Qualitative Methods in Investigation of An Aviation Near-Miss (Abstract F17)	James Norman, Riana Steen, Riccardo Patriarca	
	Talking Heads discussion		
12:30 – 13:30 Lunch			

13:30 – 15:00	<b>FRAM Method Quantification</b>		Riccardo Patriarca
	Teleoperated Driving: Emergent system behaviours modelled by FRAM using the metadata in FMV (Abstract F11)	Niklas Grabbe	
	Adding Resilience to Hospital Bed Allocation, using FRAM Machine Learning (MOVE) (Abstract F12)	Hideki Nomoto, Ralph MacKinnon, Rees Hill, David Slater	
	Risk assessment of scaffolding operations using FRAM with semi-quantitative methods (Abstract F14)	Terutoshi Tomotoki, Hitoshi Inomo, Kyosuke Takahashi	
	Talking Heads Discussion		
15:00 – 15:30 Coffee Break			
15:30 - 17:00	<b>FRAM Metadata and CPC</b>		Arie Adriaensen
	The role of FRAM in enhancing human-centric and resilient production (Abstract F3)	Naruki Yasue, Tetsuo Sawaragi	
	FRAM modelling for enhanced operational resilience in space mission toward autonomous operations (Abstract F10)	Shoita Iino, Hideki Nomoto, Takayuki Hirose, Yasutaka Michiura	
	Talking Heads Discussion		

19:30 – 22:30  
FRAMily Dinner 2024

## Wednesday 5<sup>th</sup> of June 2024

08:30 – 09:30  
Pre-meeting coffee

Time	Session & Presentation name	Presenter	Session Chair(s)
09:00 - 09:15	Introduction Day 2	David Slater	
09:15 - 09:45	Keynote	Riccardo Patriarca Pedro Ferreira	
09:45 - 10:45	<b>FRAM Standard</b>		Arie Adriaensen
	The delicate balance between efficiency and thoroughness in the removal of explosive charges - analysis of the blaster activities in the Onshore O&G Industry (Abstract F6)	Josue Maia Franca	
	Success Factor Analysis of Great Ship Captain Onboard Based on Ecological Approach (Abstract F13)	Takayuki Hirose, Hideki Nomoto, Shoita Iino, Yasutaka Michiura	
	Talking Heads Discussion		

10:45 – 11:15  
Coffee Break

11:15 - 12:30	<b>FRAM Extensions</b>		Riccardo Patriarca
	Enhancing system resilience: integrating FRAM and RAG in practice (abstract F1)	Mariam Safi, Bettina Ravnborg Thude	
	Integrating the FRAM and ethnography in nursing research: Insights from a project on complex care transitions (abstract F5)	Ann-There Hedqvist, Gesa Praetorius, Mirjam Ekstedt	
	Walking “randomly”: how to tract intractable FRAM models (Abstract F15)	Francesco Simone, Oriol Artime, Tarcisio Abreu Saurin, Flavio Fogliatto, Riccardo Patriarca	
	Talking Heads Discussion		

12:30 – 13:30  
Lunch

13:30 - 14:30	<b><i>Making sense of FRAM outputs</i></b>		Rogier Woltjer
	The Probabilistic Interpretation of emerging behaviours in complex adaptive systems using FRAM (Abstract F16)	David Slater, Rees Hill, Ben Ale, Erik Hollnagel	
	A guide to FRAM's method-sine-model approach, a tale with many shapes (Abstract F18)	Arie Adriaensen	
	Talking Heads Discussion		

14:30 – 15:00 Coffee
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15:30 - 16:15	<b><i>Reflections and where is FRAM Today</i></b>		Anthony Smoker
	Unveiling the culture behind decisions in daily work (Abstract F7)	Jeanette Hounsgaard	
16:15 - 16:30	Concluding Remarks		David Slater