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# ISSE'14

Workshop on Integration of Safety and Security Engineering

**John Favaro, Laurent Rioux | Florence, 08 September 2014**

Date / Référence

## Evolution on industrial pre-occupations & standards

- ◆ Safety industrials worry about security impacts
- ◆ Security industrial worry about safety of their solutions

## Workshop objectives

- ◆ Share ideas, experiences
- ◆ Presents new solutions to concretely combine or integrate safety and security engineering activities
- ◆ Sharing industrials needs in terms of safety and security integration
- ◆ Trigger discussions within the research community

<b>9:00</b>	<b>WELCOME - Morning Session</b>	
	<b>INTRODUCTION</b>	
9:15	Introduction	L. Rioux & J. Favaro
9:30	ITEA MERGE Project "Current Works & Priorities"	S. Paul (THALES)
10:00	ARTEMIS SESAMO Project "Work Achieved and Perspectives"	J. Favaro (INTECS)
<b>11:00</b>	<b>BREAK</b>	
	<b>INVITED TALKS</b>	
11:30	Integration of Security and Air-worthiness in the Context of Certification and Standardization	J. Joyce (Critical Systems Labs)
12:15	Security considerations in automotive safety standardization activities	R. Mariani (Yogitech)
<b>13:00</b>	<b>LUNCH</b>	

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<b>14:30</b>	<b>Afternoon Session</b>	
	<b>TEHNICAL PAPERS</b>	
14:30	From Safety Models to Security Models: Preliminary Lessons Learnt	P. Bieber, J. Brunel ONERA, France
15:00	FMVEA for Safety and Security Analysis of Intelligent and Cooperative Vehicles	C. Schmittner Zhendong Ma, and Paul Smith AIT, Austria
15:30	Uniform approach of risk communication in distributed IT environments combining safety and security aspects	Jana Fruth and Edgar Nett Uni Magdeburg, Germany
<b>16:00</b>	<b>BREAK</b>	
	<b>PANEL &amp; Discussions</b>	
16:30	PANEL & Discussions "Safety and Security: Convergence or Concurrency?"  Panelists: F. Vallée (All4Tec), S. Paul (THALES), M. Bouissou (EDF), J. Joyce (Critical Systems Labs), R. Mariani (YOGITECH)	Moderators:  L. Rioux, J. Favaro
17:15	Conclusions & Closing Remarks	L. Rioux, J. Favaro
17:30	End of the workshop	

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- ◆ **What are the current solutions for safety and security co-engineering ? Are solutions mature enough to be transferable to industry ? Do you have experience with such transfer ?**
- ◆ **What are the main obstacles at the moment to integrate safety security engineering ?**
- ◆ **Do you think that a comparative study of different solutions for safety and security engineering is meaningful and/or needed to help industrials figure out which solution works for what?**
- ◆ **Safety-Security: a new engineering or “just” a synchronisation between both engineering activities? What are the advantages/disadvantages of these two approaches ?**