



1st OPTICS2 Workshop

Aviation cybersecurity

**What's around the corner,
and are we ready for it?**

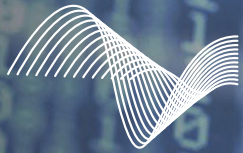
Cyber-attacks are relatively low cost and low risk for the perpetrator, but can be a very high cost for the targeted organisation and society.

This workshop brings together a range of experts from industry and regulation to consider both existing and potential future cyber risks and identify a top 10 list of both urgent and mid-term research that is required to maintain a safe and secure air transport system, today and in the future.

5-6 June 2018

EASA, Cologne | Germany

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Agenda

Day 1 | 5th of June 2018

9:00	<i>Arrival at EASA & Welcome coffee</i>
9:30	Welcome, EASA <i>Luc Tytgat, EASA – Director Strategy & Safety Management</i>
9:40	Opening by the European Commission <i>Pablo Pérez-Illana, EC-DG-RTD</i>
10:00	The OPTICS2 Project & Workshop Objectives <i>Simone Pozzi, Deep Blue – Project Coordinator</i>
10:20	EASA Cybersecurity Roadmap and Proposed Research <i>Cyrille Rosay & Jean Paul Moreaux, EASA</i>
11:00	<i>Coffee Break</i>
11:25	The GAMMA Project: What are the main current vulnerability of the ATM Network? <i>Giuliano D'Auria, Leonardo & Tim Stelkens-Kobsch, DLR</i>
12:05	Cybersecurity: What threats are around the corner? What research do we need to neutralise them? <i>Chris Johnson, University of Glasgow</i>
12:45	<i>Lunch Break</i>
14:00	Workshop session 1 – Exploring participants' security research priorities
15:30	<i>Coffee Break</i>
16:00	Wrap-up session 1
16:30	Are we doing the right cyber-security research? The OPTICS2 Assessment Methodology <i>Angela Vozella, CIRA</i>
17:00	OPTICS2 in practice – What does success look like? The PACAS safety and security project <i>Paolo Giorgini, Trento University</i>
17:30	<i>End of Day 1</i>



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Day 2 | 6th of June 2018

8:30	<i>Welcome coffee</i>
9:00	Protecting networks from malware <i>Juan Caballero, IMDEA Software Institute</i>
9:30	The CYRAIL Project: What are the current and emerging threats targeting railway infrastructures? <i>Taha Cherfia, FORTISS</i>
10:00	Insights from a Safety Assessment of Cyber threats <i>Quascom & DLR</i>
10:20	ENAV views on security challenges of ATM digital era 2.0 <i>Francesco di Maio, ENAV (CANSO Security Chair)</i>
11:00	<i>Coffee Break</i>
11:20	Workshop session 2 – What are the top 10 security research priorities?
12:40	Wrap-up Session 2
13:00	Is European Aviation Security Research delivering? Exclusive sneak peek on the OPTICS2 preliminary findings <i>Clive Goodchild, BAE Systems & John Hird, EUROCONTROL</i>
13:20	Closure
13:30	<i>End of Day 2</i>