



88th IFIP 10.4 Meeting – Ischia, Italy

Session 3 summary

Presented by Ilir Gashi

Overview

- Title of session: **Aerospace Cybersecurity**
- Two talks:
 - **Stefano Sebastio**, Collins Aerospace, "Trustworthiness Challenges and needs in modern and future aviation ecosystems"
 - **Cora Perner**, Airbus, "Current and future challenges in aviation cybersecurity"

- REDACTED SLIDES FROM INDUSTRIAL PARTNERS

Q&A

- Good Q&A on the two talks
 - The costs of certification are 10x that of development
 - Part of the reason for this is the very long expected lifetime of the aircraft
 - Cora's example that an aircraft that may be designed now, may start operation in 2050, and be in operation until 2100 – need to think about cybersecurity issues that far ahead;
 - Need to deal with legacy systems with a very long lifespan;
 - Discussions/ proposals from Neeraj and Aad on what are the fundamental differences between the different transport sectors in terms of regulations, requirements, standards, assurance etc;
 - Several comments regarding AI/ML(is there a role for AI in safety critical systems); a comment from Robert: AI will have a role, whether we like it or not, it is now a matter of making sure we design/integrate them safely.

Thank you!

- Correction/editions/clarifications are welcome (from presenters and audience).