The Safety Audit: Can We Guarantee AI’s Airworthiness?

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Mi, 15.11.2023, 17:30
Pfaffenwaldring 27, V27.02

For decades, aviation has represented the gold standard of safety, owing to meticulous certification processes that uphold unwavering quality standards across aircraft development, testing, operation, maintenance, and inspection. While artificial intelligence (AI) holds the potential to revolutionize aviation, a critical question emerges: Can we establish a certification process that is adaptable and robust enough to ensure safety in the age of agile automation?

This presentation embarks on a critical discussion regarding safety assurances for AI-enabled aircraft systems. We explore the intricacies of certifying AI’s airworthiness, investigating its current state of the art, and uncovering the challenges and complexities that inevitably arise. Together, we contemplate the ambitious goal of achieving airworthy AI—whether it poses an impossible challenge or an attainable reality—and how we can navigate the path ahead.

Eine Anmeldung ist erforderlich

- Eine Veranstaltung der Fakultät 6 und der DGLR-Bezirksgruppe Stuttgart
- Nach dem Vortrag wird zu Imbiss, Umtrunk und Diskussion geladen
- Anmeldung und weitere Infos: https://www.f06.uni-stuttgart.de/veranstaltungen