

EPSRC Trustworthy Autonomous Systems-Security Node Workshop.

‘Requirements, Approaches & Challenges in Trustworthy Autonomous Systems’

08:45-09:00	Introduction to the Workshop	Neeraj Suri (Lancaster University)
	Session 1: The Technology Angle	Chair: Gokhan Inalhan (Cranfield University).
09:00-09:30	“A Matter of Trust?”	Nick Colosimo (BAE Systems)
09:30-10:00	“Trust, Complexity, and Change”	Alex Tarter (Thales)
10:00-10:10	“Trust Challenges for Autonomous Aircraft Systems”	Cora-Lisa Perner (Airbus)
10:10-10:20	“Safety Considerations of Autonomous Systems in Advanced Aerial Mobility”	Michael Hardt (Boeing)
10:20-10:30	“Autonomous Driving Examiner for Trustworthy & Safe Autonomy”	Dejan Nickovic , (AIT)
10:30-10:45	Break	
	Session 2: From Technology to Users	Chair: Corinne May-Chahal, (Lancaster University)
10:45-11:15	“Trusted Data Sharing: The AV Angle”	Arthur van der Wees (Arthur’s Legal)
11:15-11:45	“Autonomous Driving Systems based on a Time-Triggered Architecture”	Wilfried Steiner (TTTech Labs)
11:45-12:15	“Building Safe, Resilient, and Trusted Digital Roads”.	Emyr Thomas (National Highways)
12:15-13:00	Lunch	
	Session 3: The Usage Angle	Chair: Plamen Angelov Lancaster University
13:00-13:30	“Trust & Governance for AV Deployment”,	Phil Koopman (Carnegie Mellon University)
13:30-14:00	“Edge AI for Future Autonomous Systems”,	Shiqiang Wang (IBM TJ Watson)
14:00-14:15	“Challenges of AI for Autonomous Flight Technologies”	Oktay Arslan (Airbus, Silicon Valley)
14:15-14:30	Break	
	Session 4: The TAS-S Approach to Secure AS’s	Chair: Antonios Tsourdos (Cranfield University)
14:30-15:00	RS1: Securing the AS Usage Environment	Neeraj Suri & Plamen Angelov
15:00-15:45	RS2: Securing the AS Operations	Weisi Guo , Gokhan Inalhan & Plamen Angelov
15:45-16:30	RS3: Securing the AS Users	Corinne May-Chahal , Lisa Dorn , Joe Deville & Catherine Easton
16:30-16:45	Break	
16:45-17:15	“Trust but Verify – the Ethical Angle in AS/AI”,	Heather Roff (Centre for Naval Analysis, UCB)
17:15-18:00	Wrap up: Advocacy Positions Phil Koopman (Carnegie Mellon University) Nick Colosimo (BAE Systems) Michael Braisher (Department for Transport) Hector Figueiredo (QinetiQ) Richard Holland (Connected Places Catapult) Emyr Thomas (National Highways) Arthur van der Wees (Arthur’s Legal)	Chairs: Weisi Guo & Neeraj Suri

More information about our speakers can be found [here](#).

