

AI FOR SAFETY CRITICAL SYSTEMS

THE ROAD TO TRUSTWORTHY AUTONOMOUS SYSTEMS

23 SEPTEMBER 2025 | BARCELONA, SPAIN

AN EVENT ORGANIZED BY



TIME	SESSION TITLE
9:00	Registration
9:45	Panel session Coordinators of the 3 projects will discuss challenges, proposed solutions and define their different approaches
11:00	Coffee Break
11:30	Split tracks by project
	SAFEXPLAIN <ul style="list-style-type: none">11:30 Safety-relevant AI development process and software architecture11:50 AI explainability solutions to build safety-relevant AI-based software architectures12:10 Platform support to enable safety-relevant AI-based systems12:30 Demo: from concept to reality for safety-relevant AI-based systems
	ULTIMATE <ul style="list-style-type: none">11:30 Robotic workshop UC (problem, hybrid AI solution, algorithm evaluation, demonstrator, results, impacts)12:30 Industrial mobile manipulators UC (problem, hybrid AI solution, algorithm evaluation, demonstrator results, impacts)
	EdgeAI-Trust Agenda TBC
13:30	Lunch
14:30	Split tracks by project
	SAFEXPLAIN AI-based safety-critical systems: from demo to space, railway and automotive applications
	ULTIMATE 15:15 Satellite UC (problem, hybrid AI solution, algorithm evaluation, demonstrator, results, impacts) 15:15 End-to-end Trustworthy AI (incl. Ethics) approach
	EdgeAI-Trust Agenda TBC
16:00	Coffee Break
16:30	Conclusion of the day Open discussion

Version 1-Updated 25/04/25

*BSC will assume the costs of coffee breaks and lunch for each of the attendees. As such, said attendees agree to renounce the corresponding per diem expenses.