

# TRUSTWORTHY AI IN SAFETY CRITICAL SYSTEMS

## OVERCOMING ADOPTION BARRIERS

23 SEPTEMBER 2025 | BARCELONA, SPAIN

AN EVENT ORGANIZED BY



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

Version 2-Updated 30/04/25

\*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.