

WORKSHOP ON TRUSTWORTHY AI

25 — 26 March, 2025

Location
HOLM CENTRE, FRANKFURT

Experts from around Europe



MOTIVATION

The development of trustworthy AI systems is a pressing priority, particularly as AI technologies become increasingly embedded in critical sectors such as 6G, transportation, and healthcare. AI regulation and standardization efforts have highlighted the need for robust data governance, quality assessment, and bias mitigation throughout the AI lifecycle. These initiatives aim to address the challenges in ensuring that AI systems are not only technically accurate but also ethical, transparent, and aligned with fundamental rights.

This workshop is motivated by the need to address these challenges by bringing

together AI experts, policymakers, researchers, and industry stakeholders to create a comprehensive roadmap of the open challenges to be addressed towards trustworthy AI. By focusing on key topics such as data sharing, governance structures, and trustworthiness assessments, the workshop aims to identify current obstacles, immediate needs, and long-term strategies to ensure that AI systems can be responsibly developed and deployed across different sectors. Our ambition is that this roadmap will be the foundation for the development of new research projects that will contribute to the overall European leadership in AI.

WORKSHOP SESSIONS

Trustworthiness Assessment of Data in CCAM

This session explores challenges like data completeness, accuracy, representativeness, and bias mitigation. It will focus on steps to improve data quality, ensuring AI models are robust, fair, and trustworthy.

Embedding Trustworthiness Across AI System Lifecycle

This session covers embedding trustworthiness—transparency, fairness, robustness, and privacy—across the AI lifecycle. It delves into strategies for data governance, bias mitigation, ethical data handling, and assessing trustworthiness at every stage.

Use Cases in 5G/6G and ITS Applications

This session explores AI trustworthiness challenges in 6G and Intelligent Transportation Systems (ITS). It addresses safety, real-time reliability in ITS, and low latency, privacy, and reliability in dynamic 5G/6G networks.

Roadmap for AI Trustworthiness

In this session, we will develop a roadmap addressing challenges, research gaps, and future directions for AI trustworthiness. Aligned with standards like the EU AI Act, it will outline actionable steps and strategies to guide future projects and strengthen Europe's AI leadership.

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Funded by the European Union

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