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Ethics in Industrial AI: Trust, Transparency & Accountability

This tutorial examines the critical intersection of AI ethics and cyber-physical systems, with a focus on industrial IoT and automation. Participants will explore key ethical considerations- trust and transparency, accountability, bias and fairness, and security and privacy. The session introduces the IEEE 7000-2021 standard and IEEE ontological frameworks for ethical accountability, bias, privacy, and transparency, and demonstrates their practical implications through real-world project examples.

Documents: Access to IEEE 7000-2021 standard.