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Conference Theme: **Intelligent & Fragile Infrastructures: Governing Complexity in Information Systems**

Track Number	3
Track Name	Information Integrity & Algorithmic Governance
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Track Description	As digital infrastructures become increasingly intelligent, interconnected, and dependent on algorithmic systems, ensuring the integrity, reliability, and accountability of information has become a critical challenge for organizations and society. This track explores the technological, organizational, managerial, ethical, and regulatory dimensions of information integrity and algorithmic governance within contemporary information systems. It examines how organizations can design, deploy, monitor, and govern intelligent systems while maintaining trustworthy information environments and ensuring that algorithmic decisions remain transparent, accountable, reliable, and aligned with organizational and societal values. The track welcomes conceptual, empirical, design science, technical, and interdisciplinary research addressing the creation and governance of trustworthy digital and algorithmic ecosystems. Topics include but are not limited to: 1. **Information Integrity, Quality, and Provenance:** Examining approaches for ensuring the accuracy, authenticity, completeness, reliability, traceability, and provenance of information in increasingly complex digital environments, including AI-generated and synthetic content. 2. **Algorithmic Governance and Accountability:** Exploring governance frameworks, organizational structures, policies, and accountability mechanisms for managing algorithms and automated decision-making systems, including responsibilities of developers, organizations, platforms, and other stakeholders. 3. **Algorithmic Transparency, Explainability, and Auditability:** Investigating methods, tools and practices for improving transparency and explainability of algorithmic decisions, algorithmic auditing, documentation, traceability – across model lifecycle-- impact assessments addressing effects on privacy, information access, information ecosystems, and organizational information systems, and technical mechanisms enabling independent oversight. 4. **Algorithmic Bias, Fairness, and Responsible AI:** Examining bias and discrimination in data-driven and AI-enabled systems, approaches for evaluating and promoting fairness, and organizational practices for developing and deploying responsible and trustworthy AI systems.

	5. **AI Governance, Regulation, and Compliance:** Addressing emerging regulatory requirements, standards, policies, and governance frameworks associated with artificial intelligence and automated decision-making, as well as organizational strategies for compliance and responsible AI adoption. 6. **Human Oversight and Human–Algorithm Interaction:** Investigating how people interpret, trust, and act on algorithmic outputs within information systems, exploring the roles of human judgment, human-in-the-loop decision-making, user trust, reliance on automated recommendations, algorithmic literacy, and appropriate allocation of decision authority between humans and intelligent systems. 7. **Governance of Generative AI and AI-Generated Content:** Examining governance challenges associated with large language models, generative AI, AI agents, and synthetic media, including content authenticity, hallucination, attribution, intellectual property, responsible use, and mechanisms for managing generated information. 8. **Platform Governance and Algorithmic Ecosystems:** Investigating how digital platforms govern recommendation, ranking, personalization, moderation, and content-distribution algorithms, including their implications for information visibility, user behavior, organizational practices, and societal outcomes. 9. **Risk, Resilience, and Trust in Algorithmic Infrastructures:** Assessing risks arising from reliance on AI and algorithmic systems and exploring approaches for creating resilient information infrastructures capable of maintaining information integrity, accountability, and trust under technological, organizational, or societal disruption. 10. **Societal and Organizational Implications of Algorithmic Decision-Making:** Investigating the broader organizational, economic, ethical, and societal consequences of algorithmic and data-driven systems, including their effects on institutions -- transformations of work and data-related labor; changes in organizational processes and information systems, workplaces, public services, markets, and digital society.