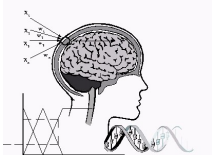
International

Innovation in Knowledge Based and Intelligent Engineering Systems



INVITED SESSION SUMMARY

Title of Session:

Sustainable Innovation for the Digital IT era

Name, Title and Affiliation of Chair:

Professor Yoshimasa Masuda, Keio, Tokyo University of Science, Japan / Carnegie Mellon Univ, USA
Professor Alfred Zimmermann, Reutlingen University, Germany
Professor Rashmi Jain, Montclair State University, USA
Professor Rainer Schmidt, Munich University, Germany

Details of Session (including aim and scope):

In the latest digital landscape, businesses are investigating ways to enhance their organizational structures, innovative opportunities and process efficiency through digital platforms. For the purpose of infiltrating IT into information societies toward the era of Digital IT and Artificial Intelligence (AI) and doing co-creation between human (equivalent to business architecture: BA) and IT (equivalent to technology architecture: The purpose of this invited session is to share original trends, new innovative ideas, new architecting methods and advanced research results in Digital Innovation, Strategy and Enterprise Architecture fields.

List of topics of interest

- Digital Innovation Case Studies with Digital Business models covering AI
- Sustainable Enterprise Architecture for Digital Ecosystems
- Digital Architecture Strategy for Manufacturing, Energy, Transportation, Financial Industry
- Digital Enterprise Architecture in Manufacturing, Energy, Transportation, Financial Industry
- Above Case Studies with Analysis and Verification covering AI
- Business Process Management for Digital Transformation and Innovation
- Digital Platforms, Multiplatforms, Intelligent Ecosystems
- Data Platform Management for Digital Transformation and Innovation with AI
- IT Governance for Sustainability and Ethical Innovation
- Sustainable Software Engineering and Development Practices
- Digital Architecture mechanism and structure for Cloud computing, Mobile IT applications
- Digital Architecture mechanism and structure for Big Data Analytics, IoT, Social tools, AI
- Digital Enterprise Architecture with Digital Innovation
- Digital Enterprise Architecture with Society 5.0
- Design Management with Digital Society
- Design Interdisciplinary Approaches to Sustainable Digital Future

Important deadlines: See updates below:
Submission deadline: May 18th, 2025
– Acceptance/Reject notification: May 25th, 2025
– Final Publication Files: June 2nd, 2025

Main Contributing Researchers / Research Centres (tentative, if known at this stage): Keio University, Montclair State University, Tokyo University of Science Reutlingen University, Munich University
Website URL of Call for Papers (if any):
Email & Contact Details: Prof. Yoshimasa Masuda / yoshi_masuda@keio.jp, yoshi_masuda@rs.tus.ac.jp Prof. Alfred Zimmermann / alfred.zimmermann@reutlingen-university.de Prof. Rashmi Jain / jainra@mail.montclair.edu