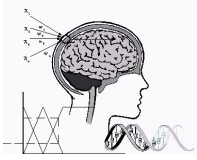
International
Innovation in Knowledge Based and Intelligent Engineering Systems



INVITED SESSION SUMMARY

Title of Session: Digital Enterprise Architecture for Human-Centric Intelligent Systems in Manufacturing, Financial, and others

Name of Chair:

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

Details of Session:

Digital Enterprise Architecture is an expected growing field with Economic effectiveness. For the purpose of infiltrating IT into information societies toward the era of Cloud/Mobile IT/Big Data/Internet of Things (IoT)/Artificial Intelligence (AI)/Digital IT and doing co-creation between human (equivalent to business architecture: BA) and IT (equivalent to technology architecture: TA / application architecture: AA) effectively, enterprise architecture: EA can become valid. It is very important to define and make architectures for Internet of Things, Big data as well as Cloud/Mobile IT in consideration with values of business, Digital Innovation and society in Enterprise Architecture of Manufacturing Industry, that covers Industry 4.0 and Society 5.0, and Financial Industry, Energy, Transportation Industry, etc. that will bring a number of benefits and profit from standpoints of economy. The purpose of this invited session is to share original trends, new innovative ideas, new architecting methods and advanced research results in Digital Enterprise Architecture fields.

List of topics of interest

- Digital Architecture Strategy for Manufacturing Industry
- Digital Architecture Strategy for Energy, Transportation Industry
- Digital Architecture Strategy for Financial, Banking Industry
- Digital Enterprise Architecture in Manufacturing Industry
- Digital Enterprise Architecture in Energy, Transportation Industry
- Digital Enterprise Architecture in Financial, Banking Industry
- Above Case Studies with Analysis and Verification
- Digital Innovation Case Studies with Digital Business models
- Business Process Management for Digital Transformation
- Data Platform Management for Digital Transformation
- Application Portfolio Management with Digital Transformation
- Digital Architecture mechanism and structure for Cloud computing, Mobile IT applications
- Digital Architecture mechanism and structure for Big Data Analytics, Social tools
- Digital Architecture mechanism and structure for Internet of Things (IoT)
- Digital Enterprise Architecture with Digital Innovation
- Digital Enterprise Architecture with Industry 4.0
- Digital Enterprise Architecture with Society 5.0
- Design Management with Digital Society

Please submit your paper either 5 pages (as idea paper) to 10 pages (as full paper).

http://hcis-24.kesinternational.org/

Important Dates and Deadlines
Submission of Papers: 19 Feb 2024
Notification of Acceptance: 29 Feb 2024

Upload Final Publication Files: 10 March 2024
Conference Sessions: 19 - 21 June 2024

Publication: Accepted papers will be published by Springer in a volume of the Book Series entitled: "Smart Innovation, Systems and Technologies Series"
https://www.springer.com/series/8767

Website URL (if any):

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