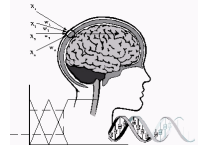# International

Innovation in Knowledge Based and Intelligent Engineering Systems

INVITED SESSION SUMMARY

Title of Session: **Computational Intelligence System and its Application to Media Information Technology**
Name, Title and Affiliation of Chair: **Yuji Iwahori, Professor, Chubu University, Japan (Session Chair)** **Nobuhiro Inuzuka, Professor, Nagoya Institute of Technology, Japan (Co-chair)**

Details of Session (including aim and scope): **Computational intelligence system and its applications to media information technology are applicable to many fields. Any processing systems by computers, are designed as efficient as possible for the intelligent performances. Modeling and cognitive design are important in the application field. Sometimes, soft computing methods, are used in the Knowledge-based intelligent systems and applications. In this session, we will present the intelligent processing, agents processing, machine learning and deep learning, intelligent operation for the e-learning, data mining and application, vision processing with learning approach and cognitive processing for the computational intelligent systems, *et al.*** **Submission Instructions for Authors:** **Submissions for the conference must be made as complete papers (there is no abstract submission stage) submitted as PDF documents through the PROSE online submission and review system. The guide length for full papers is 8 to 10 pages (maximum). Full papers will be reviewed by the IPC and if accepted and presented, they may be published after the conference in Elsevier's Procedia Computer Science open access journal, available in ScienceDirect and indexed/abstracted in CPCi (ISI conferences), Engineering Index, and Scopus.** **Important Dates:** **Submission of Papers (Upload using PROSE): March 30, 2024** **Notification of Acceptance: April 30, 2024** **Receipt of Publication Files: May 30, 2024**

Main Contributing Researchers / Research Centres (tentative, if known at this stage): **Shinji Fukui, Aichi University of Education, Japan** **Kenji Funahashi, Nagoya Institute of Technology, Japan** **Hirotaka Itoh, Nagoya Institute of Technology, Japan** **Tohgoroh Matsui, Chubu University, Japan** **Koichiro Yamauchi, Chubu University, Japan** **Mieko Tanaka, Meiji University, Japan** **Naohiro Ishii, Advanced Institute of Industrial Technology, Japan**

Website URL of Call for Papers (if any):