

Special Issue: Theory and Application of Intelligent Information Technology

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Intelligent information technology is one of multi-discipline researches and easily to be applied into industrial engineering. The researches are progressed by focusing on academically applied technology, focusing on practical viewpoint in industry and focusing on integration of basic and applied technology. This special issue is partly associated with the International Conference on Computers, Networks, Systems, and Industrial Engineering (CNSI 2011), which was held in Ramada Plaza Hotel Jeju and Jeju National University, Korea. The conference was held between May 23-25, 2011. The purpose of this special issue is to provide a fast publication of high-quality conference papers on intelligent issues in computers and network engineering related on academic and industrial contribution. And also, the papers from authors with original high-quality contributions that have neither been published in nor submitted to any journals or refereed conferences. Papers are mainly interdisciplinary research in computer science and network engineering, that relates on innovative techniques to unsolved problems.

We received 24 papers from around the world and selected 17 to be included in the special issue after a thorough and rigorous review process. The presented papers are mainly devoted to discussion on Algorithm, Knowledge Discovery, Data mining, Matlab Application, and Cloud Computing or using software related algorithms to solve problems in other area.

Topics related to Theory and Application of Intelligent Information Technology Research are of interest. These include the following areas: Concept, technology, and instance of application of intelligent information technologies; Information Integration and Reuse using intelligent informatics; Web Intelligence and Applied Systems; Sustainability with AI Techniques; AI-based Education; Mobile Technology of AI; Network administration and management; Web-based Education; Community ware / social ware; Collaboration Technologies and Applications; Social Informatics and Communications; Collective Intelligence and Applications; E-Commerce and Businesses; Software Engineering Applications; Enterprise Architecture; Software and Services for IT Convergence; Smart Mobile and Green Technology;

Hopefully, this Special Issue will contribute to enhancing knowledge in many diverse areas of the intelligent information technology and its theory and applications. The author wishes to

extend his thanks to Dr. Yung-Cheol Byun (Jeju National University)^{*1} who chaired the CNSI 2011 and Dr. Takayuki Ito (Nagoya Institute of Technology) has done a lot of work in soliciting papers to this special issue as guest editor.

We also thank the editorial board members^{*2} of this special issue for the continued encouragement, guidance and support in the preparation of this issue.

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