IJSSCI Vol. 3, No. 1 is a regular issue on cognitive computing, software science, and computational intelligence. This issue includes seven research papers on: 1) Sparse Based Image Classification with Bag-of-Visual-Words Representations; 2) Entropy Quad-Trees for High Complexity Regions Detection; 3) Sitting Posture Recognition and Location Estimation for Human-Aware Environment; 4) On Cognitive Models of Causal Inferences and Causation Networks; 5) On Localities of Knowledge Inconsistency; 6) Quotient Space-Based Boundary Condition for a Particle Swarm Optimization Algorithm; and 7) The Formal Design Models of a File Management Systems (FMS), which is presented in the special column on “Formal Software Design Models, Patterns, and Frameworks.”

The Editor-in-Chief would like to take this opportunity to report that the 2011 IEEE International Conference on Cognitive Informatics and Cognitive Computing (ICCI*CC’11), the 10th anniversary of the ICCI series, will be held in Banff, Alberta, Canada, August 18-20, 2011 where ICCI has been inaugurated. Over the last decade, CI and CC have been established as an exciting research field, which has already created and attracted millions of entries over the Internet and related research communities. The theme of ICCI*CC’11 will be on “eBrain and Cognitive Computing”. Since this event, the IEEE ICCI series will be extended to the Cognitive Informatics and Cognitive Computing (ICCI*CC) series in order to better identify and represent the discipline of CI and CC research as well as engineering and industrial applications.

IJSSCI has been indexed in DBLP and Google Scholar on research papers published in the emerging fields of software science, theoretical software engineering, computational intelligence, and cognitive computing. A number of special issues in IJSSCI will be organized on cognitive computing, computational intelligence, software science, and theoretical software engineering. Submissions to these special issues in particular, and/or to the regular issues of IJSSCI in general, are welcome.

The Editor-in-Chief expects that readers of the International Journal of Software Science and Computational Intelligence (IJSSCI) will benefit from the papers presented in this issue in order to be made aware of recent advances in this field. I would like to thank the authors, members of the board of editors, and invited reviewers for their great contributions to this issue. I would like to acknowledge the publisher of IJSSCI, IGI Global Publishing, USA, and to thank Mehdi Khosrow-Pour (President of IGI), Jan Travers (Director of Intellectual Property & Contracts), Kristin M. Klinger (Senior Editorial Director) and the editorial staff of IGI, Chris Hrobak, and Jamie Wilson for their excellent professional support.

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