



2014 IEEE Symposium Series on Computational Intelligence

Special Session on Intelligent Applications in Communication and Computation

in Conjunction with

2014 IEEE Symposium on Computational Intelligence for Communication Systems and Networks

A part of the

IEEE Symposium Series on Computational Intelligence, December 9-12, 2014, Orlando FL (USA)

With advancement of technology, most designs of computation, communication and related systems are integrating autonomous abilities making them adaptive and robust in face of continuously changing environments. Emerging and evolving systems are integrating knowledge based attributes to implement designs which prove to be more functional and flexible in face of adverse conditions. Intelligence based attributes in system are facilitating the design of autonomous systems which sense, understand and act upon the environment in which they operate. These are more suitable for hazardous situations, remotely triggered processes etc where the human intervention is not always desirable. Considerable research has been going on in these areas which justify the formulation of an unifying platform to enable discussion, smooth sharing of know-how, documentation and dissemination. The primary objective of the special session is to highlight some of the research contributions of upcoming researchers in emerging areas of knowledge aided system design, soft-computing, computer vision, communication, computational systems and related applications.

List of topics and the scope-

Topics include, but are not limited to the following:

- Intelligent system design
- Emerging communication and computing systems,
- Computer vision, AI applications
- Signal/image processing
- Image matching, medical imaging
- Pattern/face recognition
- All areas of communication
- All areas of intelligent computing

Important Instructions

(1) LaTeX and Word Templates

http://www.ieee.org/conferences_events/conferences/publishing/templates.html

(2) Manuscript Style Information

- Only papers prepared in PDF format will be accepted.
- Up to 8 pages, including figures, tables & references.
- No page numbers please.
- Details at <http://ieee-ssci.org/>

Important Dates

Paper Submission	15-Jun-14
Notification to authors	5-Sep-14
Final Submission	5-Oct-14
Early Registration	5-Oct-14

Technical and Programme Committee

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