

Special Session Details

Session Title: Computational Intelligence For Real World Applications In Engineering & Technology

Aim: Computational Intelligence describes a large, diverse, and evolving field of theories and techniques, all inspired in one way or the other by nature. Computational intelligence is a methodology involving computing that provides a system with an ability to learn and/or to deal with new situations, such that the system is perceived to possess one or more attributes of reason, such as generalization, discovery, association, and abstraction.

The concepts, paradigms, and algorithms of computational intelligence and its constituent methodologies—evolutionary computation, neural networks, and fuzzy logic—are the focus of this session. In addition, this session emphasizes practical applications throughout, that is, how to apply the Computational Intelligence to practical problems in engineering and computer science. It provides the opportunity for practitioners handling their complicated real world issues by using Computational Intelligence methodologies and for researchers to realize the significant contribution to the body of the knowledge to share findings and look into future directions. By bringing together representatives of academia and industry, this session is also a means for identifying new research problems and disseminating results of the research and practice.

Organizers:

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