

**International Conference on Signals, Circuits and Systems (SCS'09)**  
**Workshop on Computational Intelligence in Systems Design: Theory and Applications**  
**(CISD)**

**Island of Djerba, Tunisia**

**Date: November 6-7, 2009**

<http://www.scs-conference.net/>

The field of Computational Intelligence has expanded rapidly in recent years with a growing range of applications. The need for intelligent systems with both efficient and flexible behaviour is necessary in order to solve complex problems. The SCS09's workshop on CISD aims at offering a meeting opportunity for researchers, students, and industry-related researchers from around the world to present recent results and discuss the latest advances and new trends in the theory and application of computational intelligence in the design of intelligent systems.

SCS09's CISD workshop is technically co-sponsored by the IEEE Computational Intelligence Society Tunisia Chapter.

### **Topics**

Papers featuring innovative work are solicited (but not limited to) in the following areas of computational intelligence including collective intelligence and soft computing techniques and their hybrid implementations. Papers are solicited on both fundamental and applied aspect of the development of such systems.

- Theoretical foundations (e.g. mathematical and statistical models; learning strategies and systems; reasoning and meta-control; accuracy and interpretability; smart and adaptive mechanisms; logical and philosophical issues)
- Hybrid systems (e.g. neural and fuzzy; fuzzy and genetic, neural and genetic; fuzzy and probabilistic)
- Cooperative systems (e.g. multiagent, multirobot, holons)
- Survey and methodological issues (e.g. classifying and relating CI approaches; evaluating CI approaches; criteria for selecting CI methods)
- Engineering applications (e.g. robot navigation, multirobot cooperation, aerospace satellites, transportation, medical and health care)

### **Submission of Papers**

Authors are invited to submit papers through SCS 2009 web site before July 15, 2009. Papers should be 6 pages in length and must be formatted according to the style in the SCS'09 web site (under authors kit online link). Accepted papers will appear in the SCS'09 conference proceedings (on CD ROM) and will be available through IEEEXplore. Extended version of selected papers will be recommended for publication in International Journals special or regular issues. For more details, please visit SCS 2009 web site. Each submitted paper to the SCS09's CISD workshop will be reviewed by at least two members of the Program Committee.

### **Venue and Accommodation**

The SCS'09 will be held in the beautiful island of Djerba. The Island can be reached by land or by air (flights from the capital and other European cities). The SCS'09 will take place in the five star Yadis hotel (<http://www.yadis.com>).

For more information about venue and accommodation, please refer to this [link](#).

**Important Dates:**

Submission deadline: July 15, 2009

Notification of acceptance: September 15, 2009

Camera-ready paper due date: October 10, 2009

*Please feel free to send this invitation to other colleagues that may be interested in these topics.*

**SCS's CISD Workshop Chairs:**

Adel M. Alimi, University of Sfax, Tunisia

Fakhri Karray, University of Waterloo, Canada

**Organizers**

Ilhem Kallel, University of Sfax, Tunisia

Habib M. Kammoun, University of Gafsa, Tunisia

Nesrine Baklouti, University of Sfax, Tunisia