

Cognitive Computation

Call for Papers:

Title: “Advances in Cognitive Computational Science and Engineering”

(Special Issue associated with the 4th International Conference on *Computational and Experimental Science and Engineering*: ICCESEN 2017)

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Selected best papers presented at, or related to the subjects of the International Conference on Computational and Experimental Science and Engineering, ICCESEN 2017, October 4-8, 2017, Kemer, Antalya, Turkey (<http://2017.iccesen.org/>), are being considered for possible peer-reviewed publication in a special issue of the Cognitive Computation (CC) journal.

Topics covered:

Fully developed, high quality papers are invited from selected ICCESEN'2017 authors, in all areas relevant to the Special Issue. Specifically, we welcome original cognitively-inspired contributions using theoretical, computational, experimental and integrative studies, including (but not limited to):

- *Machine learning and Cognitive Systems*
- *Cognitive neuromorphic engineering and other hardware implementations,*
- *Cognitive robotics and autonomous cognitive systems*
- *Cognitive Big Data informatics*
- *Socio-cognitive Swarm Intelligence and Evolutionary multi-agent systems*
- *Cognitive control and systems engineering,*
- *Computational cognitive neuroscience*

In addition, we welcome submissions focusing on the development of latest cognitive computational research into practical applications.

Note that all submitted papers should include a strong focus on ‘cognitive computation’ and be clearly aligned with the scope of the journal (<http://www.springer.com/biomed/neuroscience/journal/12559>)

	Dates
Submissions Deadline	31 December 2017
First notification of acceptance	15 March 2018
Submission of revised papers	30 April 2018
Final notification to the authors	15 June 2018
Submission of final/camera-ready papers	31 July 2018
Publication of Special Issue	Late 2018

Requirements:

All papers should follow (full-length, original) manuscript preparation requirements for Cognitive Computation, see <http://www.springer.com/12559>. Authors are requested to submit their manuscripts via the online submission manuscript system, available at <http://www.editorialmanager.com/cogn/>. During submission, authors should explicitly choose **the title of the special issue** in the Subject line.