

The 5th International Conference on Cognitive Neurodynamics (ICCN 2015)

June 3-7, 2015, Sanya, China

Call for Papers

Website: iccn2015.ecust.edu.cn

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Studying cognition from a dynamic view has become a trend currently, and rapid developments have taken place in nonlinear dynamics and cognitive science. In order to promote the integration of cognitive science and neurodynamics as a whole, the 5th International Conference on Cognitive Neurodynamics 2015 (ICCN 2015) will be hosted by East China University of Science and Technology (ECUST) in Sanya, China during June 3-7, 2015. The conference will provide a forum for scientists and engineers working in the area and its related fields to review the latest progress and development and to exchange their experience, research progress and ideas. An Editorial Board Meeting of Cognitive Neurodynamics will also be held during the period. The conference will consist of three-day oral and poster presentations, and a one-day tour in Sanya city, which is one of the most beautiful garden cities in China.

Call for Papers and Special Sessions

1. Microscopic CN	2. Mesoscopic CN	3. Macroscopic CN	4. Applications
1.1 Molecular	2.1 Population dynamics	3.1 Brain imaging	4.1 Neural Engineering
1.2 Synaptic	2.2 Chaotic dynamics	3.2 Sensory Dynamics	4.2 Neurocomputer
1.3 Cellular	2.3 Phase transitions in excitable media	3.3 Motor system dynamics	4.3 Neural computing
1.4 Realistic Neural Network dynamics	2.4 Complexity theory applied to brain	3.4 Navigation	4.4 Advanced robotics
	2.5 Synergetics, metastability	3.5 Action planning and control	4.5 Behavior modification
	2.6 Quantum Field Theory	3.6 Learning and memory	
	2.7 Neuropercolation	3.7 Global cognitive functions	
	2.8 Self-assembly, artificial life		

Paper Submission

Prospective authors are invited to submit high-quality manuscripts written in English. The submission of a paper implies that the paper is original and has not been submitted to elsewhere for possible publication. All submissions will be peer-reviewed by experts in the field based on originality, significance, quality and clarity. Authors should use the Latex style files or MS-Word templates provided by the Spring Lecture Notes to format their papers. ICCN'2015 conference proceedings will be published by Springer. Furthermore, a selected number of authors will be invited to expand and revise their papers for possible inclusions in peer-reviewed international journals or edited books, including *Cognitive Neurodynamics (SCI, 10-15 papers)*.

Important Dates

Proposals for mini-symposium & special session	Oct. 30, 2014
Paper Submission	Dec. 30, 2014
Decision Notification	Feb. 28, 2015
Final Version Submission / Advanced Registration	Mar. 31, 2015

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