

BRAIN INFORMATICS 2019

December 13-15, 2019, Haikou, Hainan, China



The 2nd International Workshop on Cognitive Neuroscience of Thinking and Reasoning

Call for Papers and Abstracts

Introduction

For the past 20 years, brain imaging and modulation techniques such as EEG, functional MRI, MEG, rTMS, and tDCS have allowed us to explore the neural correlates of human thinking. These two decades of research have led to a number of interesting findings regarding reasoning, problem-solving, creativity, concept formation, and decision-making. These data have led to some specific proposals regarding information processing mechanisms underlying thought processes, and more generally led to reevaluation and reconsideration of cognitive theories in a neural context.

The goal of this workshop is to take stock of the current state-of-the-art of the enterprise, and provide a forum for the exchange of ideas from the various related disciplines, including psychology, cognitive neuroscience, and artificial intelligence. Papers related to new models and theories, experimental studies, meta-analysis as well as review articles of human thinking and reasoning are especially encouraged.

Topics of Interests

The topics include, but are not limited to:

- Brain imaging studies of human thinking and reasoning
- Neuropsychology of human thinking and reasoning
- New models and theories of human thinking and reasoning
- The interaction between human thinking/reasoning and emotion
- The influence of language and culture on human thought processes

- Computational modeling of human thinking and reasoning

Submissions and Publication

Similar to the main conference of BI 2019, we welcome two types of paper submissions:

- Type I : Full Paper Submissions. Authors should submit their full papers with a maximum paper length of up to 10 pages in Springer LNCS format using our online submission system (https://wi-lab.com/cyberchair/2019/bi19/scripts/submit.php?subarea=S03&undisplay_detail=1&wh=/cyberchair/2019/bi19/scripts/ws_submit.php). The accepted and presented papers will be published by Springer as a volume of the series of LNCS/LNAI.
- Type II: Abstract Submissions. Abstracts have a word limit of 500 words. Experimental research is particularly welcome. Accepted abstract submissions will be included in the conference program and will be printed out as a single, collective Abstract Note.
Submit your abstracts via
https://wi-lab.com/cyberchair/2019/bi19/scripts/submit.php?subarea=S03&undisplay_detail=1&wh=/cyberchair/2019/bi19/scripts/ws_submit.php

All submissions will be reviewed by at least two reviewers who will give detailed comments. If the submission gets accepted, the authors will submit a revised (“camera-ready”) version that takes into account this feedback.

Important Dates:

- July 20th, 2019: Submission deadline for workshop/special session/tutorial proposals (Extended)
- July 25th, 2019: Notification of workshop/special session proposal acceptance (Extended)
- August 4th, 2019: Submission deadline for full papers (Extended)
- August 4th, 2019: Submission deadline for workshop/special session papers (Extended)
- September 6th, 2019: Notification of full paper acceptance
- October 8th, 2019: Submission deadline for abstracts (Extended)

- October 28th, 2019: Notification of abstract acceptance
- December 13th, 2019: Tutorials, workshops and special sessions
- December 14th - 15th, 2019: Main conference

Session Chairs:

Peipeng Liang Ph.D.

Professor of the School of Psychology, Capital Normal University

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For more information, please go to <http://wi-consortium.org/conferences/bi2019/index.html>

We look forward to seeing you in Haikou, China, 2019