



Call For Papers

Australasian Workshop on Computational Creativity

To be held in conjunction with the 22nd Australasian Joint Conference on Artificial Intelligence ([AI'09](#))

Creativity -- our mental capabilities of generating new concepts, has its significance by sitting in the centre of human intelligence. There is an emerging need to pursue knowledge about human creative thinking and to develop computational models emulating this process. The aim of this workshop is to organise a forum for cultivating multidisciplinary pursuits of computational creativity. The workshop will bring together researchers from cognitive science, neuroscience and artificial intelligence to communicate ideas on theoretic and computational constructs of creativity. Authors are invited to submit your papers relating, but not limited to areas of:

- cognitive mechanism of human creativity, analogy
- neuron processes in relation to creative thinking
- philosophical discussion on computational creativity
- automated scientific knowledge discovery
- machine learning for computational creativity
- computational abduction
- knowledge representation for computational creativity
- computational metrics for creativity in terms of novelty, emergence and usefulness
- computational, cognitive models for creativity
- design and implementation constraints of creativity agents.
- combinatorial creativity
- experimental studies for computational creativity
- evolving creativity
- applications to architectural and engineering design, scientific knowledge discovery, E-learning

Program Chairs

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Important Dates

Papers Submission: 15 October, 2009

Author Notification: 5 November, 2009

Camera-ready Due: 15 November, 2009

Workshop Day: 1 December, 2009

Papers will be reviewed by the Program Committee members and evaluated according to their originality and contributions to knowledge and practice. Accepted papers will be allocated a maximal 10 pages and be published as Lecture Notes in Artificial Intelligence series. Papers must be original, unpublished and have not submitted elsewhere for publication. Best workshop paper award will be presented. Paper must be clearly presented in English and comply with [AI'09 format](#). Interested authors can submit their papers to awcc09@gmail.com by the due date.

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