

20-24 September  
MICCAI 2009  
London UK

International Conference on Medical Image Computing and Computer Assisted Intervention

## Call for Papers

### Workshop on Systems and Architectures for Computer Assisted Interventions (MICCAI 2009, Imperial College, London, UK)

<http://smarts.lcsr.jhu.edu/CAI-Workshop-2009>

**Where:** South Kensington Campus, Imperial College London

**When:** 9.00 am – 5.30 pm, Thursday, September 24, 2009.

The workshop on systems and architectures for computer assisted interventions (SACAI) aims to provide a forum for discussing open interfaces, interoperability, and standards for the development of computer assisted intervention systems. The workshop extends the successful dialog at the "Systems and Architectures" workshop at MICCAI 2008 in New York City.

The 2008 workshop focused on toolkits. The current 2009 edition emphasizes the importance of open interfaces and standards as they will be the key factors towards better interoperability, resulting in more innovative and reliable solutions. As in previous editions, this workshop will include strong participation from industry and academia.

Topics for presentation and discussion at the workshop will include challenges for research interfaces to commercial systems (e.g., regulatory, liability), the progress and status of formal standardization efforts (e.g., DICOM, CANopen, and ISO 11073) as well as efforts in the research community (e.g., OpenIGTLink and SAW), opportunities for further integration and interoperability, and discussion of successes and unmet needs.

Submissions must include at least an abstract, but may be up to 8 pages in Midas Journal format. Papers will be reviewed by the workshop committee and accepted papers will be included in a special issue of the Midas Journal. Additional details are available at the workshop web site (<http://smarts.lcsr.jhu.edu/CAI-Workshop-2009>).

**PAPERS/ABSTRACTS DUE: JULY 10, 2009**

**FINAL SUBMISSION: AUG. 24, 2009**

**NOTIFICATION OF ACCEPTANCE: AUG. 1, 2009 WORKSHOP DATE: SEPT. 24, 2009**



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