



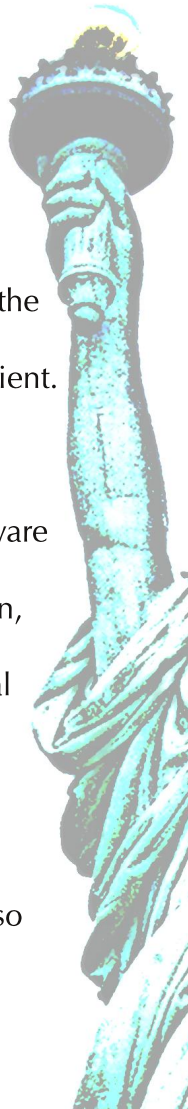
amiarcS 08

4th workshop on
Augmented Environments
for Medical Imaging and
Computer Aided Surgery

Sept,
10th

In medical imaging, augmented environments aim to provide the physician with enhanced perception of the patient either by fusing various imaging modalities or by presenting image-derived information overlaid on the physician's view, establishing a direct relation between the image and the patient.

The focus of this workshop will be innovative research into the technical aspects of augmentation, such as hardware and optical design, real-time implementations, registration and fusion, calibration, visualization and 3D perception as well as validation, clinical applications and clinical evaluation. In particular we will expect those presenting applications to describe the path to clinical introduction of their systems. We aim to include not only researchers in augmented reality but also those working on broader aspects of augmentation such as image fusion, simulation and rendering.



AMI-ARCS will bring together researchers in computer science, electrical engineering, physics, and clinical medicine to present the state-of-the-art developments in this ever-growing research area.

Program Committee

Wolfgang Birkfellner (MUV, Austria)

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Joerg Traub (TUM, Germany)

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Terry Peters (ROBARTS, Canada)

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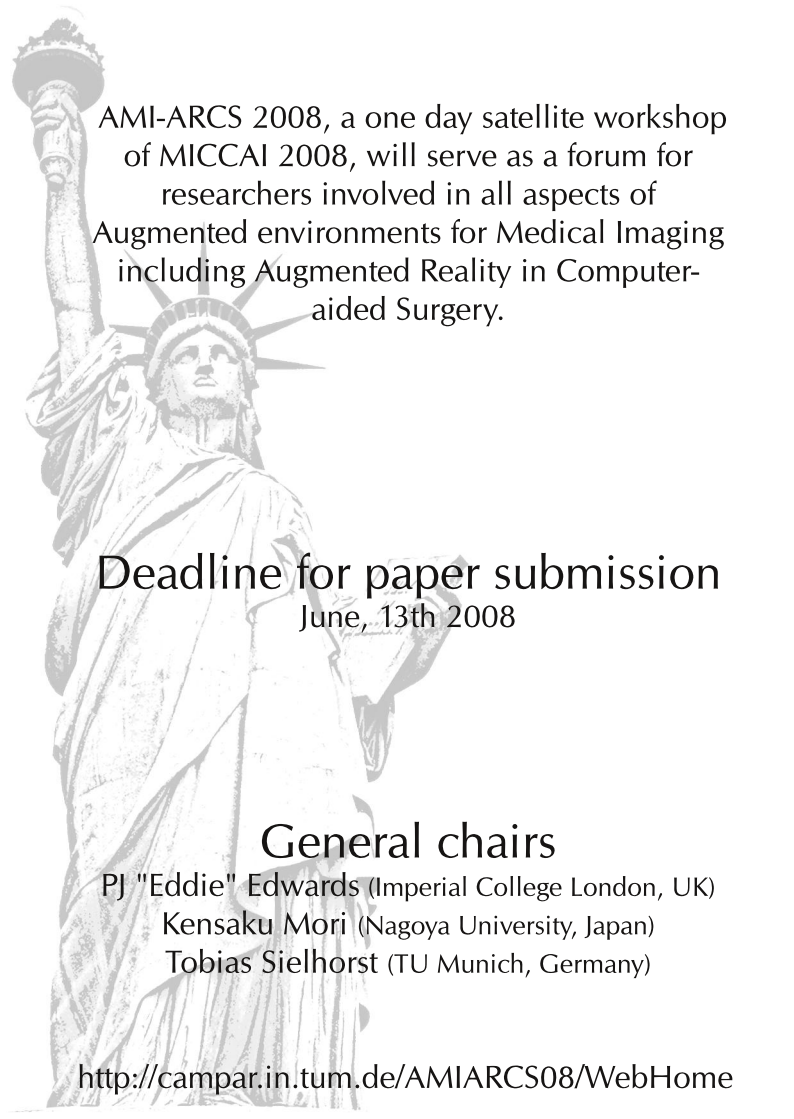
Rudy Lapeer (UEA, UK)

George Stetten (CMU, USA)

Ali Khamene (Siemens Corporate Research, USA)

Sandro Heining, MD (LMU, Germany)





AMI-ARCS 2008, a one day satellite workshop of MICCAI 2008, will serve as a forum for researchers involved in all aspects of Augmented environments for Medical Imaging including Augmented Reality in Computer-aided Surgery.

Deadline for paper submission
June, 13th 2008

General chairs

PJ "Eddie" Edwards (Imperial College London, UK)
Kensaku Mori (Nagoya University, Japan)
Tobias Sielhorst (TU Munich, Germany)

<http://campar.in.tum.de/AMIARCS08/WebHome>