

# **MFCA-2008**

## **2nd MICCAI Workshop on Mathematical Foundations of Computational Anatomy**



### **2<sup>nd</sup> Call for paper**

<http://www-sop.inria.fr/asclepios/events/MFCA08/>

MFCA-2008 is a satellite workshop of MICCAI 2008 devoted to statistical and geometrical methods for modeling the variability of biological shapes. It will be held in New-York on September 6, in conjunction with MICCAI 2008. The goal is to foster the interactions between the mathematical community around shapes and the MICCAI community around computational anatomy applications. The workshop aims at being a forum for the exchange of the theoretical ideas and a source of inspiration for new methodological developments in computational anatomy.

### **Topics**

Contributions are solicited in (but not limited to) the areas of:

- Riemannian and group theoretical methods
- Geometrical measurements of the anatomy
- Advanced statistics on deformations and shapes
- Metrics for computational anatomy
- Statistics of surfaces

### **Key dates**

- Deadline for paper submission: ~~April 28, 2006~~  
**Extended to Mai 5, 2006**
- Notification of acceptance: June 20, 2006
- Camera ready papers: July 4, 2006.
- Workshop: September 6, 2006

### **Proceedings**

The program will be composed of oral presentations selected by the peer-reviewed contributions of the participants. Electronic proceedings will be publicly posted on the web-site of the workshop.

**Best papers will be selected for publication in a special issue of Journal of Mathematical Imaging and vision.**

### **Submission**

Authors are invited to submit papers from 6 to 10 pages in the LNCS format (see [LNCS submissions guidelines](#)). The pdf version of papers has to be submitted by email to both [Xavier.Pennec@sophia.inria.fr](mailto:Xavier.Pennec@sophia.inria.fr) and [sjoshi@sci.utah.edu](mailto:sjoshi@sci.utah.edu) if it is under 5 Mb, or by anonymous ftp at <ftp://ftp-sop.inria.fr/asclepios/Incoming/MFCA08/> with an email to the above addresses to inform the chairs about the submission. Once a paper is uploaded on the ftp site, you cannot see, modify or remove it. If you need to upload an updated version, please do it with the same filename but another version number and send an email to the chairs. A submission confirmation will be sent to all authors before the closure of the submissions.

Double submissions are allowed for this workshop and for the MICCAI Conference, but the authors have to declare it at the submission time. Furthermore, if a paper is accepted both at the MICCAI 2008 conference, the paper will have to be withdrawn from the workshop.

### **Chairs**

- Xavier Pennec (INRIA Sophia-Antipolis, France)
- Sarang Joshi (SCI, University of Utah, USA)

### **Program committee**

- Rachid Deriche (INRIA, France)
- Ian L. Dryden (University of Nottingham, UK)
- Tom Fletcher (University of Utah, USA)
- James Gee (Univ. of Pennsylvania, USA)
- Guido Gerig (University of Utah, USA)
- Polina Golland (CSAIL, MIT, USA)
- Stephen Marsland (Massey University, NZ)
- Michael I. Miller (John Hopkins University, USA)
- Mads Nielsen (IT University of Copenhagen, DK)
- Salvador Olmos (University of Saragossa, Spain)
- Bruno Pelletier (University Montpellier, France)
- Jerry Prince (Johns Hopkins University, USA)
- Anand Rangarajan (University of Florida, USA)
- Daniel Rueckert (Imperial College London, UK)
- Guillermo Sapiro (University of Minnesota, USA)
- Martin Styner (UNC Chapel Hill, USA)
- Anuj Srivastava (Florida State University, USA)
- Paul Thompson (UCLA, Los-Angeles, USA)
- Alain Trouvé (ENS-Cachan, France)
- Carole Twining (University of Manchester, UK)
- William M. Wells III (CSAIL, MIT, Boston, USA)