

# MICCAI 2006 - Workshop on Joint Diseases

A number of joint diseases have a huge effect on the quality of life – and the majority of the world population will be affected at some point in the life. These diseases cause pain, swelling, inflammation and reduced range of motion. For many years, much clinical research has been devoted to understanding these diseases and to develop effective treatment beyond pain relief. Starting with traditional radiographs, radiology has been a source for analysis of the progress of these diseases, and this is increasing with the advances of modalities such as magnetic resonance imaging. However, in many areas, the image analysis is only now maturing and taking advantage of the advanced methodologies used in other fields of medical image analysis. The purpose of this workshop is to give excellent clinical, methodological, and theoretical researchers an opportunity to exchange views, ideas, and methods and to pave the way for increased collaboration.

The workshop encourages submission of original work involving clinical, theoretical and methodological aspects of research focusing on osteoarthritis, osteoporosis, or inflammatory or musculoskeletal joint diseases in general including acute injuries such as cartilage lesions or meniscus/ligament tears. Methodologically, the focus can be on quantitative analysis, automatic or interactive methods, or performance evaluation. The clinical aim of the work can be diagnosis, clinical studies, or surgery. The lists given are not restrictive and related topics are most welcome.

The workshop is hosted in conjunction with the 9<sup>th</sup> international MICCAI (Medical Image Computing and Computer Aided Intervention) conference. Dual submissions are allowed following the general MICCAI guidelines.

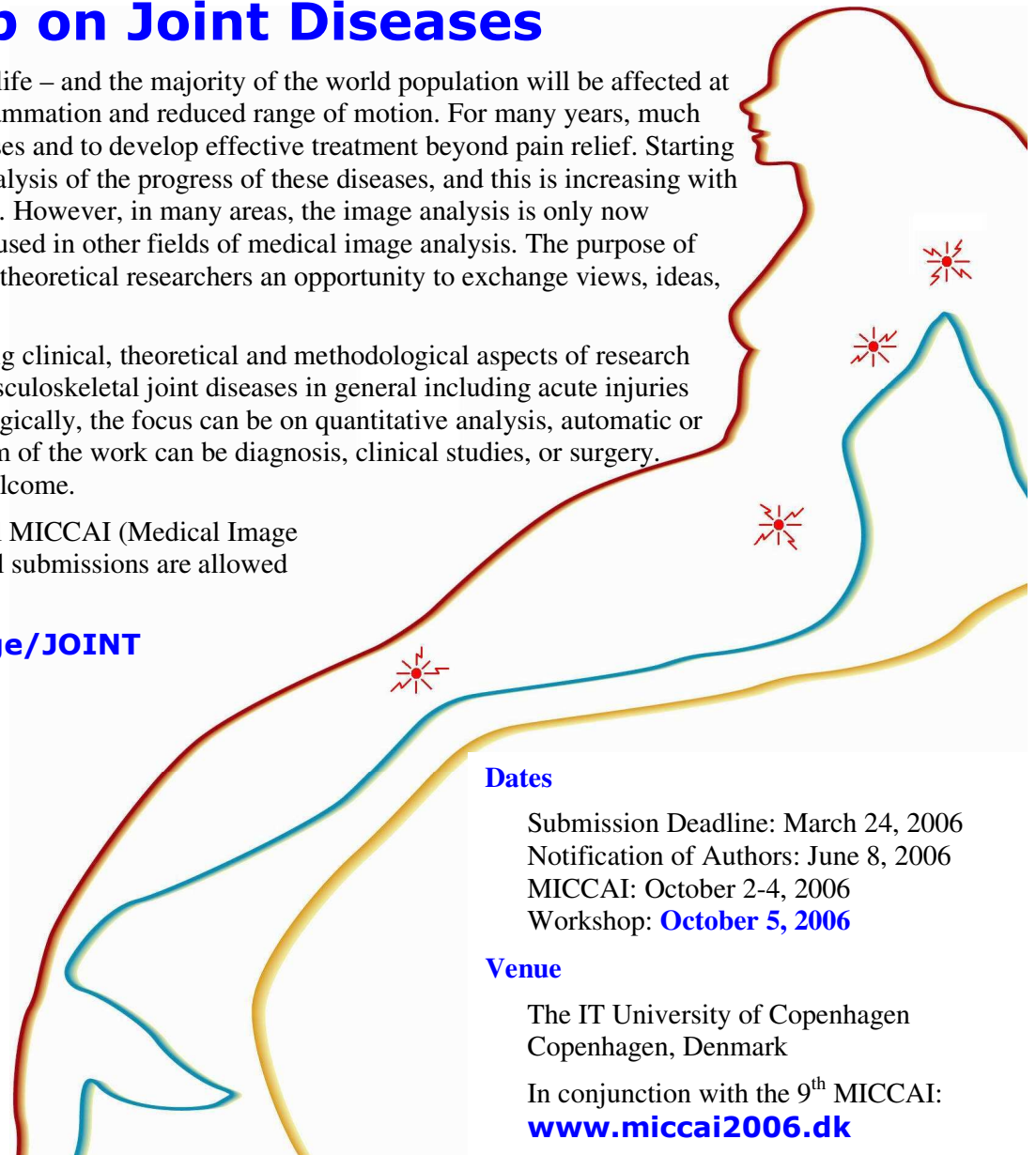
For more information and updates, see [www.itu.dk/image/JOINT](http://www.itu.dk/image/JOINT)

## Workshop Board:

Erik Dam, PhD  
IT University of Copenhagen

Sharmila Majumdar, PhD  
University of California, San Francisco

J. Christopher Buckland-Wright, PhD, DSc  
King's College London



## Dates

Submission Deadline: March 24, 2006  
Notification of Authors: June 8, 2006  
MICCAI: October 2-4, 2006  
Workshop: **October 5, 2006**

## Venue

The IT University of Copenhagen  
Copenhagen, Denmark

In conjunction with the 9<sup>th</sup> MICCAI:  
[www.miccai2006.dk](http://www.miccai2006.dk)



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