



CIMAB



ECS 10 - MILAN, JUNE 22-26, 2009

## IMPORTANT DATES

- *Submission of abstracts* October 10, 2008
- *Submission of minisymposia* October 10, 2008
- *Notification of the acceptance of abstracts* October 20, 2008
- *Early registration* November 30, 2008
- *Submission of papers* December 31, 2008
- *End of the reviewing process* February 28, 2009
- *Camera ready papers* March 27, 2009
- *Conference programme* April 20, 2009

## MILAN

- Milan is itself the site of seven universities (including University of Milan, Polytechnic of Milan, "Bicocca" University, and a set of private universities), and it is easily connected to a set of major universities such as Pavia, Varese, Como, Bergamo, Brescia, Lecco which include about all subjects in Science, Medicine, Engineering and Agricultural, all requiring competence in the above mentioned areas of interest of the ISS.
- An important addition derives from the existence of a large network of Institutes and Research Centres of the CNR, the National Research Council of Italy, National Institutes on Tumours, and on Brain Diseases, and a large system of research oriented hospitals based in Milan or vicinities.
- Milan is also the site of various Industrial Research centres.

## 10<sup>th</sup> European Congress of Stereology and Image Analysis

June 22-26, 2009

University of Milan (Italy)

Web access: <http://ecs10.mat.unimi.it>



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## CONTACTS

ECS10 c/o Department of Mathematics  
Via Saldini, 50  
20133 Milano (MI)  
Italy

fax: +39 02 503 16090  
email: [ecs10@mat.unimi.it](mailto:ecs10@mat.unimi.it)  
web: <http://ecs10.mat.unimi.it>



A Conference of the  
International Society  
for Stereology

# Scientific organization

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## TOPICS

The aim of ECS10 is to bring together leading scientists working in the areas of (but not limited to)

### Methods:

- Stereology
- Geometrical and Topological tools: 2D and 3D shape factors, norms, metrics, gauges, discrete geometry
- Main mathematical and physical transforms: Fourier, Karhunen-Loève, Walsh-Hadamard, Wavelets, Time-Frequency...
- Stochastic geometry and related Statistical methods
- Spatial processes
- Pattern analysis
- Texture evaluation
- Fractals
- Image enhancement
- 3D reconstruction
- Colour images
- Shape analysis
- Pattern formation

### Applications :

- Micro- and nano-structures
- Biology and Medicine
- Biotechnology
- Agriculture
- Materials
- Tomography, X-ray Scanner, PET-scan...
- High Resolution Imaging in Remote Sensing
- Vision, industrial control, real time aspects, electronic architectures
- Microelectronics
- Secure Information Systems

## ORGANIZATION OF SESSIONS

- Each session will be opened by a key-note speaker
- Parallel sessions with oral communications will be organized
- Poster sessions will be planned with a chairman per session

## PROCEEDINGS

- **Abstracts** will be printed and **full texts** (PDFs) will be stored on CD-ROMs.
- All contributions will be available at the beginning of the Congress.
- The authors of the **best contributions**, selected by the international advisory board will be **encouraged to submit extended versions of their papers for possible publication** in the official Journal of ISS, "Image Analysis and Stereology".

