**PRICES**

Participants, ISS Members: 600 €
Participants, not ISS Members: 800 €
Accompanying persons: 300 €

The above listed prices cover the following:
- lunch (each day of the congress)
- banquet and other activities
- transportation inside Saint-Etienne
- admission to all sessions, including refreshments
- conference materials, including conference proceedings

Courses for PhD and Master’s students: 150 €

A limited number of bursaries will be available for young scientists.
Applications should be sent to the Organizing Committee.

**Contact:**
ICS XII  
ISTASE  
18, rue du Prof. Benoît Lauras  
42000 SAINT-ETIENNE  
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ICSXII@univ-st-etienne.fr  

Secretaries:
Flora JOURNAL  
( Université Jean Monnet)

Nathalie GIBERT  
(Pôle Optique Rhône-Alpes)

**SAINT-ETIENNE ASSETS**

- From a scientific or an industrial point of view, Rhône-Alpes Region is the second one in France, and probably the first if we consider the biomedical research in image processing: TIMC, CREATIS… and other labs.
- Saint-Etienne has developed a strong scientific environment in the fields of Image Processing and Optics (TSI Lab, Pôle Optique Rhône-Alpes)
- The Rhône-Alpes Region presents a net of Labs and Research structures:
  - In Grenoble (150 km): ERSF (Microtomography), CENG LETI, TIMC, LIS, CSTB, CTP…
  - In Lyon (60 km): CREATIS, LISSE, ITF…
- Venue:
  - TGV (2h45 from Paris)
  - Airports: Saint-Exupery (Lyon), Boutheon (Saint-Etienne)
- Miscellaneous:
  - Social program for accompanying persons (included in fees): Saint-Etienne (Museums), Lyon, Grenoble, Bourgogne…
  - Laboratories visits

**ICS XII - 2007**

**INTERNATIONAL CONGRESS OF THE ISS**

August 30 to September 07  
Centre des Congrès,  
Saint-Etienne, France


First Circular and Call for Papers

Under the auspices of International Society for Stereology
GENERAL FRAME AND TOPICS OF THE CONGRESS

"IMAGE ANALYSIS AND STEREOLOGY: INDUSTRIES INVOLVED IN HUMAN PROGRESS"

The 12th International Congress of Stereology, ICS XII, will be held in Saint-Etienne, France, and will focus on theoretical and applied aspects of Image Analysis and Stereology, with a special emphasis on Human aspects: health, safety, quality…

August 30 (Thursday) and 31 (Friday)
Courses dedicated to students in the Master’s degree and PhD students (+ interested persons).

September 3, 4, 5, 6, 7
Communications on the following topics:

a) Fundamentals tools
- 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 tools
- Texture evaluation
- Image enhancement
- 3D reconstruction
- Colour images
- Modelisation: human vision, non linear processing…

b) Applications
- Microstructures
- Biology
- Materials
- Tomography, X-ray Scanner, PET-scan…
- High Resolution Imaging in Remote Sensing
- Astronomy
- Night vision
- Vision, industrial control, real time aspects
- Information Systems, electronic architectures…

IMPORTANT DATES
- 1st call for papers: February 2006
- 2nd call for papers: June 2006
- 3rd call for papers: September 2006
- Submission of papers: October 2006
- Preliminary registration: October 2006
- End of the reviewing process: February 2007
- Final version of papers: April 2007
- Conference fee, conference program: May 2007
- Final registration: May 2007