

12th IMEKO TC1-TC7 joint Symposium on

Man, Science & Measurement

Annecy, France
September 3-5, 2008



Organised by the LISTIC - Université de Savoie

Sponsored by the International Measurement Confederation IMEKO

Sponsoring Technical Committees: TC7: Measurement Science

TC1: Education and Training in Measurement and Instrumentation

The TC1 and TC7 IMEKO joint Symposium on Man, Science & Measurement explores emerging challenges and novel concepts in Measurement Science from an anthropocentric viewpoint. It will focus on the role of Measurement Science in human activity, considering:

- measuring systems as a way for helping human perception of the world
- measurement as a way for helping perception of human activity
- Measurement Science as a focus of interest





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Topics of interest include but are not limited to:

General issues of Measurement Science

- epistemological aspects of Measurement Science
- methodology of R&D in Measurement Science and Technology
- ethical aspects of Measurement Science and Technology
- measurement in evolution of civilizations

Logical and mathematical fundamentals of Measurement Science

- basic concepts of Measurement Science
- mathematical modeling in Measurement Science and Technology
- uncertainty of measurement
- weakly defined measurements
- Artificial Intelligence approaches in measurement

Non-physical measurements

- measurement in Psychophysics
- measurement in Economics
- measurement in Ergonomics
- qualimetry
- measurement in sustainable development

Intelligent and virtual instrumentation

- smart sensors and transducers
- artificial intelligence in measuring systems
- software engineering for measuring systems
- virtual instrumentation
- computer-aided measurements

Education and training

- evaluation of human competency
- evaluation of educational methods
- Measurement Science in education
- virtual training approaches

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Authors of the best presented papers will be invited to submit an extended version to the IMEKO journal Measurement as an Enhanced Conference Paper. (http://ees.elsevier.com/meas)

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Planned registration fees

early registration:450 euros, (100 euros for students) late registration: 480 euros, (120 euros for students) 500 euros (140 euros for students) on site:

75 euros (included in registration fees except for students) gala dinner

accompanying persons: 120 euros

Submission:

Prospective authors should submit an extended abstract of their work (4 pages maximum) using the On-line submission system on http://imeko2008.scientificsymposium.com. Details of submissions and all information concerning abstract preparation for IMEKO'2008 can be found at the Author's Kit page. A submission implies willingness to register and present the work if the paper is accepted for presentation at the Symposium.

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