

# VECIMS 2010

## 2010 IEEE International Conference on Virtual Environments, Human-Computer Interfaces and Measurement Systems

Taranto, Italy, 6-8 September 2010

*Sponsored by the IEEE Instrumentation and Measurement Society*



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### Web Site

<http://vecims.ieee-ims.org/>

VECIMS 2010 is held in conjunction with the 2010 IEEE International Conference on Computational Intelligence in Measurement Systems and Applications (Taranto, Italy, 6-8 September 2010), the 2010 IEEE Workshop on Environmental, Energy, and Structural Monitoring Systems (Taranto, Italy, 9 September 2010), and the IEEE Workshop on Biometric Measurements and Systems for Security and Medical Applications (Taranto, Italy, 9 September 2010).

VECIMS 2010 is an interdisciplinary symposium that intends to bring a methodical instrumentation and measurement perspective to the theory and practice of virtual and virtualized environments, and human-computer interfaces by focusing on the quantitative and metrological aspect of these technologies and their interactive applications in telerobotics, telemedicine, remote control, engineering design, environment sensing and monitoring, training, education, arts, and computer games.

Papers are solicited on all aspects of virtual environments and human-computer interaction technologies for measurement systems and the related applications, from the points of view of both theory and practice. This includes but is not limited to multimodal (visual, haptic, audio, etc) virtual environments, sensors and displays, perception and psychophysics, object modeling, model validation, multi-sensor data fusion, soft computing techniques, human-computer interaction, augmented and virtualized reality, virtual reality languages, APIs, RTIs, collaborative distributed virtual environments, model-based telecommunications and telecontrol, calibration, standards, implementation technologies, and applications.

**SUBMIT EXTENDED ABSTRACTS OR DRAFT PAPERS**

**BY 15 APRIL 2010**

Details for the submission and all information concerning the symposium can be found at the symposium web site at <http://vecims.ieee-ims.org/>. Acceptance/rejection will be emailed by 28 May 2010. The final manuscript is due by 1 July 2010. Submission implies willingness to register at the conference, pay the registration fee and present the paper. Papers will be included in the proceedings only if at least one author will register and pay the registration fee by 1 July 2010 (member and non-member fees only are acceptable to this purpose) - no exceptions. If an author covers more than one paper with her/his registration to guarantee inclusion in the proceedings, she/he must pay a 50 US\$ surcharge for each paper in excess of one.