

IEEE International Symposium on Monitoring & Surveillance Research (ISMSR): Healthcare-Safety-Security

November 9, 2011, Boca Raton, FL, USA (in conjunction with ICTAI-11)

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CALL FOR PAPERS

Aim & Scope

The ISMSR actually is the 4th annual event and is the continuation of the IEEE International Symposium on Research on Assistive Technologies (2007) and the Assistive and Monitoring Technologies tracks from the IEEE Conferences (TAI and BIBE) 2008-2010. The annual IEEE International Symposium on Monitoring & Surveillance Research (ISMSR) provides a major international forum where the creation and exchange of ideas related to smart homes, ambient assistive living, and monitoring and surveillance research are fostered among academia, industry, and government agencies. The symposium facilitates the cross-fertilization of these ideas and promotes their transfer into practical tools, for developing intelligent systems and pursuing monitoring and surveillance applications. The ISMSR encompasses all technical aspects of specifying, developing and evaluating the theoretical underpinnings and applied mechanisms of the Monitoring and Surveillance based components of computer tools (i.e. algorithms, architectures and languages), smart devices and environments, and advanced sensors.

Topics relevant to Monitoring and Surveillance Research (MSR) but not limited to

- Collaborative MSR
- MSR for Security
- MSR for Healthcare
- MSR for Safety
- MSR in Medicine
- Multimedia MSR Systems
- MSR Real-time Applications
- MSR in Robotics
- MSR Hybrid Intelligent Systems
- MSR Complex Systems
- MSR as Intelligent Agents
- Modelling of MSR Systems
- Interfacing MSR Systems
- MSR Wearable Devices
- MSR Smart Sensors
- MSR Environmental Systems
- Networks of MSR Systems
- MSR for Prevention
- MSR for Natural Disasters
- Privacy Issues in MSR Environments
- MSR with Cloud Computing
- Multi-sensing in MSR
- Image Processing for MSR
- Computer Vision for MSR
- Pattern Recognition for MSR
- M&S for Food Chain

Paper Submission

The submissions should contain original, high quality, not submitted or published elsewhere work. Papers should be submitted electronically (through ISMS 2011 web site) in pdf format and should conform to IEEE specifications (single-spaced, double-column, 10-point font size, up to 6 pages). Submit to these Emails nikolaos.bourbakis@wright.edu and soon.chung@wright.edu

Paper Presentation

Each accepted paper should be presented by one of the authors and accompanied by at least one full registration fee payment, to guarantee publication in the proceedings. All accepted papers will be included in proceedings of ISMSR 2011 that will be published by the IEEE Computer Society.

IJMSR special issue

Extended versions of the best papers of the conference will be invited for publication in a special issue of the International Journal on Monitoring and Surveillance Research: Healthcare and Safety (IJMSR).

Further information

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 ready paper: Sept 25, 2011