8th International Conference on Intelligent Interactive Multimedia: Systems and Services---KES-IIMSS-2015

10-12 June 2015, ITALY

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WORKSHOP PROPOSAL SUMMARY (in KES-IIMSS-2015)

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Submission of Papers: 15 January 2015
Notification of Acceptance: 1 March 2015
Upload of Final Publication Files: 10 March 2015

Title of Workshop:
Intelligent Video Processing and Transmission Systems

Name of Chair:
Prof. Margarita N. Favorskaya

Name of Co-Chairs if applicable:
Prof. Lakhmi C. Jain
Prof. Mikhail Sergeev

RESEARCH PAPERS ARE INVITED ON ALL ASPECTS OF VIDEO PROCESSING AND TRANSMISSION SYSTEMS.

Details of Workshop:
The humanity receives the main volume of environment knowledge as visual data. The systems for processing and transmission of visual data have the significant meaning for safe life of each person. The goal of this workshop is to develop the intelligent video processing and transmission technologies and also to discuss the functionality and architecture of such systems.

The topics include but are not limited to:
 • **Image and videos filtering, restoration and enhancement**
 • **Image and videos representation and modeling**
 • **Alarm events for surveillance (motion detection, object tracking, face recognitions)**
 • **Development of 3D video analysis**
 • **Image search and sorting, video indexing and editing**
 • **Media transmission and data encoding**
 • **Video coders and decoders**
 • **Image storage, retrieval, and multimedia**
 • **Image and video databases**
 • **Enhanced software tools and hardware for video data integrity**
 • **Frameworks, architectures, systems for delivering visual and audio data**

• **Transmission in noisy environments** • **Secure data transmission systems** • **Systems of virtual reality and computer graphics**
Website URL (if any):
Email & Address of Workshop Chair: **Prof. Margarita N. Favorskaya** **Siberian State Aerospace University, Russia** favorskaya@gmail.com / favorskaya@sibsau.ru