

SSIAI 2014 – CALL FOR PAPERS

IEEE SOUTHWEST SYMPOSIUM ON IMAGE ANALYSIS AND INTERPRETATION

www.ssi.ai.org | April 6-8, 2014 | [Humphreys Half Moon Inn](#) | [San Diego, California](#)

The Southwest Symposium on Image Analysis and Interpretation (SSIAI) is a biennial conference dedicated to all aspects of computational analysis and interpretation of images and video. SSIAI brings together researchers and practitioners in academia, industry, and government to share and discuss the latest advances in this field. SSIAI 2014 will be held at the spectacular Humphreys Half Moon Inn & Suites in San Diego, California, U.S.A. The symposium seeks original contributions reporting novel research directions, results, and applications.

Important Dates

December 16, 2013 Papers due
February 10, 2014 Acceptance notification
February 24, 2014 Camera-ready papers due

Organizing Committee

General Chair: Jeff Rodriquez, U. of Arizona
Technical Co-Chair: Chuck Creusere, New Mexico State U.
Technical Co-Chair: Peter Tay, Western Carolina U.
Treasurer: Jo Dale Carothers, Covington & Burling
Publicity/Publications: Brian Nutter, Texas Tech U.
Govt. Labs Liaison: Chris Brislawn, Los Alamos Natl. Lab.
Webmaster: Marios Pattichis, U. of New Mexico

Paper Submission

Submit a paper (4 pages max. including figures and references) in double-column IEEE conference format. Submission will be electronic using the PDF format. Accepted full papers will be of the same format with a four-page limit. For further details, please visit www.ssi.ai.org.

Each accepted paper will be published in the conference proceedings, provided at least one author registers in advance at the non-student rate and gives a presentation at the conference. An author's non-student registration may be applied to up to three papers by that author.

Topics of Interest (not limited to)

- Mathematical models and methods
- Statistical and learning methods
- Features and invariants
- Segmentation and grouping
- Object detection and tracking
- Activity detection and analysis
- Image and video indexing and retrieval
- Biomedical image analysis
- Neuro-signal processing
- Biometrics and bioinformatics
- Biologically inspired computer vision
- Multiscale and multispectral analysis
- Remote sensing
- Compressive sensing and processing
- Stereoscopic and 3-D analysis
- Multisensor analysis and processing
- Color analysis and processing
- Shape representation and recognition
- Scene modeling and interpretation
- Computational photography
- Human computer interaction
- Automated inspection
- Real-time analysis
- Optimization methods
- Performance evaluation
- Computer vision for robotics
- Image and video quality assessment
- Computer architectures for image/video processing



SSIAI 2014 is sponsored by the IEEE Computer Society