

8th International Symposium on Image and Signal Processing and Analysis (ISPA 2013)

September 4-6, 2013, Trieste, Italy

<http://www.isispa.org/>



Special session on **Digital Imaging in Cultural Heritage**

CALL FOR PAPERS

Dear Colleague,

We would like to invite you to contribute to our special session on Digital Imaging in Cultural Heritage, which will be held in conjunction with the 8th International Symposium on Image and Signal Processing and Analysis (ISPA 2013) during September 4-6, 2013 in Trieste, Italy.

The aim and scope of the special session

Cultural heritage as the mirror of the world and its history, embodies the symbolic value of cultural identities and is a fundamental reference for the modern society. The various elements of the cultural heritage constitute a receptacle of memory which has to be bestowed for the benefit of future generations. Therefore, it is an extremely important task to devise methods and tools that may provide effective protection for the cultural heritage and that can assist universal virtual access to valuable museum objects.

Advances in multimedia technology and the availability of digital imaging tools have fostered the development of various image processing techniques for the analysis, visualization, restoration, archival, and preservation of cultural heritage artworks.

The goal of this special session is to bring together researchers and practitioners working in the area of Digital Imaging in Cultural Heritage. We are soliciting original contributions, which address a wide range of theoretical and practical issues related to the application of digital image processing techniques to various aspects of cultural heritage including, but not limited to:

- Color and multispectral image processing for fine arts,
- Virtual reconstruction and restoration of artworks,
- Analysis and image reproduction of ancient artworks,
- Mobile technologies for cultural heritage,
- Methodologies for digitization of museum objects,
- Virtual and augmented reality and visualization techniques,
- Visual data acquisition, representation, modeling, and manipulation,
- Image analysis tools for artwork diagnosis and restoration,
- Novel web-based cultural heritage applications,
- Image indexing and retrieval in multimedia databases,
- Imaging and compression methods for document analysis and preservation,
- Watermarking applications and protection of artwork digital reproductions,

- Multimodal human computer interaction,
- Computer graphics and animation for education, entertainment, and training in cultural heritage.

PAPER SUBMISSION

Prospective authors are invited to submit papers of no more than six (A4) pages including results, figures and references. In submitting a manuscript to ISPA 2013, the authors acknowledge that no paper substantially similar in content has been or will be submitted to another conference during the ISPA 2013 review period. All accepted papers must be presented at the symposium either in oral or poster form. Regardless of their presentation mode, all accepted papers will appear in the conference proceedings, which will be available through the IEEE Xplore digital library. For more details on formatting, please visit <http://www.isispa.org/authors.html>.

Important dates

Submission of full papers:	April 1, 2013 April 15, 2013
Notification of acceptance/rejection:	May 15, 2013
Submission of camera-ready papers and registration:	May 30, 2013

Special Session Organizers

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