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15th International Conference on Image Analysis and Processing (ICIAP)

Vietri sul Mare (SA), Italy, September 8 – 11, 2009

CALL FOR PAPERS

<http://www.iciap2009.org>



The International Conference on Image Analysis and Processing is organized every two years by the Italian group of researchers affiliated to IAPR (GIRPR), with the aim to bring together researchers in image processing and pattern recognition from around the world. The main target of ICIAP 2009, the 15th edition in the series, will be to provide a place in which the most recent approaches and goals in image analysis and processing can be presented and discussed.

ICIAP 2009 will be held in Vietri sul Mare, Salerno (Italy), from September 8 to 11. The conference will be hosted in the Lloyd's Baia Hotel. The hotel is sited on the enchanting Amalfi Coast and is built on a rock overlooking the sea.

MAJOR CONFERENCE TOPICS

Particular emphasis in this edition will be given to the issues related to benchmarking in the fields of image processing and pattern recognition. Papers highlighting this aspect are welcome as well as contributions belonging to these main streams:

Image analysis and processing

Segmentation, feature extraction and representation, shape and motion primitives, texture and color information, interactive image analysis and interpretation.

Vision and perception

Cognitive vision, active vision, spatial reasoning, 2D and 3D modeling, perceptual learning.

Pattern recognition

Statistical, syntactic and structural pattern recognition, machine learning and data mining, artificial intelligence and symbolic learning, feature reduction, classification and clustering, support vector machines and kernels.

Multimodal Interaction and Multimedia Processing

Multimodal interaction, multimedia analysis, indexing and retrieval, multimedia infrastructure.

Applications

Ambient intelligence and security, biomedicine, biometrics, cultural heritage, OCR and document analysis, mobile robots and visual navigation, network security, remote sensing and environment control, video surveillance and intelligent transport systems, visual inspection and quality control.

TUTORIALS, DEMO AND CONTEST SESSIONS

Half-day tutorials providing a comprehensive full-immersion on specific subjects of image processing, pattern recognition and applications will be given on September 8th, 2009. Proposals should include title and abstract, a detailed outline, background and potential target audience, biography of the presenter(s), bibliography supporting the proposal (e.g. a tutorial-level published article). Proposals should be submitted to tutorials@iciap2009.org before January 31st, 2009.

A demo session will present the latest results in image processing and pattern recognition technologies. We would like to encourage the submission of proposals for demonstrations of software related to any areas of image processing and pattern recognition.

The conference will also host two contests: one on **biometric identification** and one on **video surveillance**. During the conference, a contest session will present and discuss the results obtained by the contest participants.

Further information about tutorials, demo and contests are available at <http://www.iciap2009.org>

CONFERENCE PROCEEDINGS AND PAPER SUBMISSION

Accepted papers will be published by **Springer-Verlag** in the Lecture Notes in Computer Science (LNCS) series. Prospective authors should submit an electronic version of the manuscript (PostScript or PDF format) through the conference website. The papers should not exceed 9 pages, and should be prepared according to the LNCS format. Submission implies the willingness of at least one author per paper to register, attend the workshop and present the paper.

The best paper by a young author will be awarded by the **Caianiello Prize**. Eligibility is restricted to papers authored by a young researcher, with no more than two authors.



IMPORTANT DATES

Paper Submission: **January 31st, 2009**
Notification of Acceptance: **April 20th, 2009**
Camera-ready Manuscript: **May 30th, 2009**
Registration: **May 30th, 2009**

