

# 2009

# Computational Bioimaging

Las Vegas, Nevada, USA. Nov/30 – Dec/2

[www.isvc.net](http://www.isvc.net)

## Call for Papers

Computational Bioimaging is a special track of the 5th International Symposium on Visual Computing. It aims to bring together researchers, engineers, computer scientists, applied mathematicians, and practitioners to present and discuss their work and developments in this challenging interdisciplinary field and set the major lines of development for the near future.



## Topics

- Image processing and analysis in computational bioimaging;
- Segmentation, tracking, and motion analysis in biomedical images;
- Biomedical image restoration and reconstruction;
- Biomedical signal and image acquisition and processing;
- Image processing and analysis at the molecular and cellular levels;
- Shape recognition and representation in biological images;
- Software development for computational bioimaging;
- Grid and high performance computing for computational bioimaging;
- Computer aided diagnosis, surgery, therapy, treatment, and telemedicine.

## Scientific Committee

Alberto De Santis, Università degli Studi di Roma "La Sapienza", Italy  
Alexandre Cunha, California Institute of Technology, USA  
Alexandre Xavier Falcão, State University of Campinas, Brazil  
Ana Mafalda Reis, University of Porto, Portugal  
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Roberto Bellotti, University of Bari, Italy  
Sabina Tangaro, National Institute of Nuclear Physics, Italy  
Shawn Newsam, University of California at Merced, USA  
Susana Branco Silva, University of Lisbon, Portugal  
Todd Pataky, University of Liverpool, UK  
Valentin Brimkov, State University of New York, USA  
Yongjie Zhan, Carnegie Mellon University, USA

## Paper submission

Papers submitted to the Computational Bioimaging track follows the same criteria of ISVC. They must not have been previously published and must not be currently under consideration for publication elsewhere. Manuscripts should be submitted in camera-ready format and should not exceed 12 pages, including figures and tables. Papers will be reviewed with an emphasis on potential to contribute to the state of the art in the field. Each paper will receive at least two blind reviews and should not contain names or other information revealing authors' identity. Selection criteria include accuracy and originality of ideas, clarity and significance of results, and presentation quality. All papers accepted will appear in the symposium proceedings which will be published by Springer-Verlag in the Lecture Notes in Computer Science series.

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## Organizers

João Manuel R. S. Tavares, University of Porto, Portugal  
Renato Natal Jorge, University of Porto, Portugal  
Alexandre Cunha, Caltech, USA

## Important dates

July 10	Paper submission is due
August 31	Notification of acceptance
September 14	Final camera ready paper is due
September 14	Advanced Registration
October 5	Demo Applications
October 28	Early Registration Deadline
October 28	Hotel Reservation Deadline

