

# 9<sup>th</sup> Workshop on Biomedical and Bioinformatics Challenges for Computer Science - BBC2016

<https://bbc2016workshop.wordpress.com>

In conjunction with



INTERNATIONAL CONFERENCE  
ON COMPUTATIONAL SCIENCE  
San Diego, California, U.S.A | 6 - 8 June, 2016

The workshop is seeking original research contributions presenting innovative bioinformatics and computational biology concepts and solutions in the areas outlined below. The topics of interest include but are not limited to the following domains:

## Computer Science

- Dedicated hardware & architectures
- High performance & distributed computing
- Parallelisation techniques
- Grid/cloud computing
- Service-orientation
- Peer-to-peer computing
- (Distributed) workflows
- E-infrastructures
- Algorithms
- Analysis tools

## Bioinformatics

- Biological sequence & structure analysis
- Genomics, transcriptomics, metagenomics, etc.
- Analysis of biological networks
- Biomedical image analysis
- Neuroimaging
- Data visualization
- Data mining & knowledge discovery

## Computational Biology

- Simulation of biological systems/processes
- Multi-model approaches
- Systems biology
- Knowledge-based techniques
- Knowledge management
- Artificial / computational intelligence techniques
- Executable theories and models

The manuscripts of up to **10 pages** (using the Proceedia format), written in **English** and formatted according to the EasyChair templates, must be based on unpublished original work. All accepted full papers will be printed in the conference proceedings published by Elsevier Science in the open-access Proceedia Computer Science and indexed by Scopus, ScienceDirect, Thomson Reuters Conference Proceedings Citation (former ISI Proceedings), an integrated index within Web of Science.



## Organizing Committee

- Stefano Beretta, Univ. Milano-Bicocca, Italy
- Mario Cannataro, Univ. Magna Græcia of Catanzaro, Italy
- Mauro Castelli, NOVA IMS- Univ. Nova de Lisboa, Portugal

## Important Dates

- Papers submission: Dec. 18, 2015
- Notification of acceptance: Jan. 27, 2016
- Camera-ready papers: Mar. 4, 2016
- Authors registration: Jan. 27 – Mar. 4, 2016
- Early registration: Jan. 27 – Apr. 22, 2016
- Late registration: from Apr. 23, 2016
- Conference/Workshop: Jun. 6 – Jun. 8, 2016

*ICCS 2016 is organised by:*