



## BITS 2009

### “Bioinformatics and Computational Biology for Life Sciences research”

*Seventh Annual General Meeting of the Italian Bioinformatics Society*

*14-16 April 2010, Bari (IT)*

<http://bits2010.ba.itb.cnr.it/>

#### **Announcement and Call for Abstracts**

The Italian EMBnet node in collaboration with the Italian Bioinformatics Society (BITS) and the Department of Biochemistry and Molecular Biology of the Bari University are pleased to announce the “*Seventh Annual General Meeting of the Italian Bioinformatics Society (BITS 2010)*” to be held April 14-16, 2010 in Bari, Italy.

The BITS 2010 event will highlight cutting-edge advances in all major topics of Bioinformatics and Computational Biology. Major aim of the conference is to provide an overview of Italian bioinformatics research and an international forum for in-depth assessment of the challenges involved in the fast moving field of Bioinformatics for molecular biology research. Scientific topics covered will include many areas of interest such as metagenomics, system biology, structural and functional genomics, transcriptomics and proteomics. A particular focus will be on tools and strategies for the storage, management and analysis of data produced by next generation sequencing platforms and other high-throughput techniques.

The [program](#) includes keynote lectures, oral presentations, poster sessions and two [tutorials](#): 'Phylogenetic analysis using LIBI HPC facilities using mixed models' and 'Metagenomics and metadata analysis'. Tutorials will include introductory seminars and hands-on sessions. Participation is free of charge and limited to 25 persons amongst the first one registering to the conference.

### Invited speakers

Prof. Erik Bongcam-Rudloff,	University of Uppsala, Uppsala, Sweden
Prof. Cecilia Saccone,	University of Bari and CNR, Bari, Italy
Prof. Edward N. Trifonov,	University of Haifa, Israel and Masaryk University, Czech Republic
Prof. Eske Willerslev,	University of Copenhagen, Copenhagen, Denmark

### Abstracts submission

**Deadline:** March 15, 2010

Submitted contributions should address novel bioinformatics and computational biology methods, algorithms, databases, tools and applications for research and development in one or more of the following domains:

- Genomics
- Molecular Evolution and Comparative Genomics
- Protein structure and function
- Proteomics
- Transcriptomics
- Metagenomics
- New tools for NGS
- Systems Biology
- Biological Databases and Biobanks

This list is by no means exclusive of any further topics in the field of Bioinformatics.

### **Travel grants available for young researchers**

Young researchers (up to 35 years old) without a permanent position and submitting an abstract for participating to the conference can apply for a travel grant. Deadline for application is March 15, 2010.

For more information about the conference, registration, sponsorship, exhibition opportunities and travel grants, please, visit the conference web site at <http://bits2010.ba.itb.cnr.it>

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