Joint IB 2015 & NETTAB 2015
October 14-16, 2015 - Bari, Italy

11° 'Integrative Bioinformatics' Conference

15° 'Network Tools and Applications in Biology' Workshop

Organizing Committee

Domenica D'Elia   *CNR-ITB, Bari (IT)*

Ralf Hofestadt   *Bielefeld University (DE)*

Matthias Lange   *IPK Gatersleben (DE)*

Paolo Romano   *San Martino IST , Genova (IT)*

Programme Outline

- Tutorial day
  - Tuesday October 13, 2014

- Opening
  - Wednesday October 14, 2014, 9.00 AM

- Closure
  - Friday October 16, 2014, 4.00 PM

- Social activities
  - Guided Tour, Thursday October 15, 2014, 4.00 – 7.00 PM
  - Social Dinner, Thursday October 15, 2014, 8.00 – 10.00 PM

NETTAB Scope and history

- Network Tools and Applications in Biology

- From 2001, annually held in diffent locations in Italy

- Original focus theme each year

  2001 CORBA and XML
  2002 Software Agents
  2003 Microarrays analysis
  2004 From Biology to Bioinformatics
  2005 Bioinformatics Workflows
  2006 GRID Infrastructures
  2007 Semantic Web for biomedicine

  2008 Biomedical Complex Systems
  2009 Collaborative / Social Research
  2010 Biological Wikis
  2011 Clinical Bioinformatics
  2012 Integrated Bio-Search
  2013 Semantic, Social, Mobile Tools

- International event, supported by scientific societies (incl. ISCB, EMBnet, SIB, NBIC, BITS, …)

Topics

- ## Usual Integrative Bioinformatics Conference topics

  Database integration, Combined dry and wetlab studies, Molecular databases / data warehouses, Errors and inconsistencies in biological databases, Prediction and integration of metabolic and regulatory networks, Genotype–phenotype linkage, Protein-protein interactions, Integrative microarray modeling and analyses, Integrative approaches for drug design, Computational infrastructure for biotechnology, Virtual cell, Tool integration and workflow systems, Laboratory information management systems, Computational systems biology, Quality and consistency of biological ontologies, Integrative modelling and simulation frameworks, Integrative data and text mining approaches, Network analysis, Data visualisation and visual analytics, Efficient data storage, comparision and citation

- ## Additional NETTAB Sessions

  - Bioinformatics network tools and applications
  - ncRNAs: genetics & epigenetics

Bari
The capital of Apulia