NETTAB 2020
20th NETTAB Workshop

First announcement

Paolo Romano

Ospedale Policlinico San Martino, Genoa, Italy

Scope and history

- *Innovative technologies and tools for bioinformatics*

- *From 2001, original focus themes each year:*

2001 CORBA and XML
2002 Software Agents
2003 Microarrays analysis
2004 From Biology to Bioinformatics
2005 Bioinformatics Workflows
2006 Web Services and 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
2014 Structural Bioinformatics &
   Integrative Systems Biology
2015 Bioinformatics for ncRNA
2016 Reproducibility, Standards and SOP
2017 Methods & Tools in Precision Medicine
2018 FAIR Bioinformatics environment
2019 Computational Proteomics

- *Two main topic streams: data integration and data analysis*

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First announcement

Microbial Resource Research Infrastructure - MIRRI

- *ESFRI biomedical RI, preparatory phase ended in 2014, ERIC planned for 2020*
- *10 countries, ca. 50 partner collections and BRCs*
- *All about microorganisms: deposit, conservation, identification, characterization, consulting, training*
- *Strong connections with EMBRC, BBMRI, ELIXIR, and other RIs*

MIRRI-IT

- *Italian national node of MIRRI*
- *Five partners, 18 associated institutes*

EOSC-Life (EU funded project 2019-2023)

- *Support creation of FAIR data and software*
- *Exposing FAIR data from biomedical RIs*
- *Building workflows for innovative downstream analysis*
- *Training and support to adoption & exploitation*

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First announcement

MIRRI + MIRRI-IT + EOSC-Life

- *Focus on microbial resource information*

- *FAIR data for microbial BRCs and collections*

- *Sharing and exposing FAIR data on microorganisms*

- *Develop analysis pipelines and workflows*

- *Contribute to downstream analysis in microbiology research*
  - *Genome sequencing and annotation, Phenotyping, Metagenomics, Microbiomics, ...*

Workshop on Computational Microbiology

NETTAB 2020
Computational Microbiology

Workshop Organizers

Paolo Romano
Ospedale Policlinico San Martino, Genoa, Italy

Nicola Segata
Computational Metagenomics, CIBIO,
University of Trento, Italy

Giovanna Cristina Varese
Coordinator of MIRRI-IT
Mycotheca Universitatis Turinensis,
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More researchers to be contacted soon
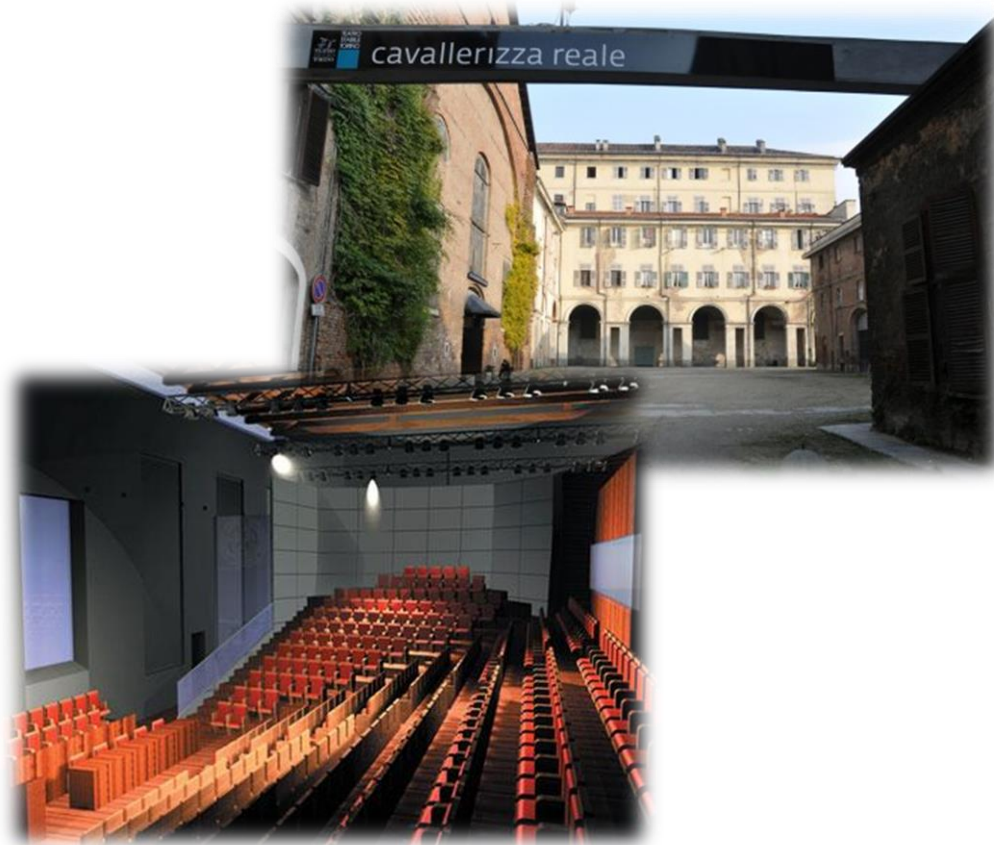
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Where in Turin?

Meeting rooms at the University of Turin, all located in city center.

Aula Magna of the Department of Life Sciences and Systems Biology

Conference Room at the "Cavallerizza Reale" historical building

How to reach Turin

It is in North-Western Italy, not far from the French border, near to Alps and plane. First Capital of Italy.

By air:

Turin International airport, connected to the city centre (16 km) by public transport, and Malpensa International airport, about 100 Km, with frequent bus service

By train: *many high-speed trains from European and Italian main cities*

Turin is...

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Key dates (Provisional Scheduling)

- *December 2019: Full list of topics defined*
- *January 2020: Invited Speakers defined*
- **January 2020: Web site available**

- *February 2020: Call for abstracts launched*
- *Mach 2020: Tutorials defined*
- **May 2020: Oral communication submission deadline**

- **June 2020: Scientific programme defined**

- *September 2020: Poster submission deadline*
- **October 2020: Workshop**

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We are looking forward to meeting you at

NETTAB 2020 in Turin!

Web site: http://www.nettab.org/2020/

Email: nettab.workshops@gmail.com

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October 2020, Turin, Italy