

2012 INTERNATIONAL SUMMER SCHOOL IN METHODS IN BIOINFORMATICS

SSMBio 2012

Tarragona, Spain

August 27-31, 2012

Organized by:

Research Group on Mathematical Linguistics (GRLMC)

Rovira i Virgili University

<http://grammars.grlmc.com/ssmbio2012/>

Aim:

SSMBio 2012 offers a broad and intensive series of lectures at different levels on bioinformatics. The students choose their preferred courses according to their interests and background. Instructors are top names in their respective fields. The School intends to help students initiate and foster their research career.

The previous event in this series was WSMBio 2012: <http://grammars.grlmc.com/wsmbio2012/>

Addressed to:

Graduate (and advanced undergraduate) students from around the world. Most appropriate degrees include: Computer Science, Biology and Medicine. Other students (for instance, from Engineering or Mathematics) are welcome too.

The School is appropriate also for people more advanced in their career who want to keep themselves updated on developments in the field.

There will be no overlap in the class schedule.

Courses and professors:

- **Rita Casadio** (U Bologna), Human Protein Variants: Structural and Functional Annotation [advanced, 8 hours]

- **David Gilbert** (Brunel U, London), Multiscale Modelling for Systems Biology [intermediate/advanced, 6 hours]

- **Minoru Kanehisa** (Kyoto U), Translational Bioinformatics: From Genomes to Diseases and Drugs [introductory/intermediate, 4 hours]

- **Bin Ma** (U Waterloo), Mass Spectrometry Data Analysis for Proteomics [introductory/intermediate, 6 hours]

- **Luay Nakhleh** (Rice U), Gene Tree Reconciliations: Incomplete Lineage Sorting, Duplication/Loss, and Reticulation [introductory/intermediate, 6 hours]
- **Gajendra P.S. Raghava** (Institute of Microbial Technology, Chandigarh), Bioinformatics Approach for Designing Therapeutic Peptides, particularly Subunit Vaccines [intermediate/advanced, 8 hours]
- **Joachim Selbig** (Max Planck Institute of Molecular Plant Physiology, Potsdam), Integrative 'Omics' Data and Network Analysis [intermediate/advanced, 6 hours]
- **Wing-Kin Sun** (National U Singapore), Extracting Information from Next Generation Sequencing Data [introductory/intermediate, 6 hours]
- **Michael Zhang** (U Texas Dallas), From Computational -Omics to Systems Biology [intermediate, 6 hours]

Registration:

It has to be done on line at <http://grammars.grlmc.com/ssmbio2012/Registration.php>

Fees:

They are variable, depending on the number of courses each student takes. The rule is:

- 1 hour = - 10 euros (for payments until June 2, 2012),
- 15 euros (for payments after June 2, 2012).

Payment procedure:

The fees must be paid to the School's bank account:

Uno-e Bank

bank's address: Julian Camarillo 4 C, 28037 Madrid, Spain

IBAN: ES3902270001820201823142

BIC/SWIFT: UNOESM1

account holder: C. Martin – GRLMC

account holder's address: Av. Catalunya 35, 43002 Tarragona, Spain

Please mention SSMBio 2012 and your name in the subject. A receipt will be provided on site.

Remarks:

- Bank transfers should not involve any expense for the School.

- People claiming early registration will be requested to prove that the bank transfer order was carried out by the deadline.

- Students may be refunded only in the case when a course gets cancelled due to the unavailability of the instructor.

People registering on site at the beginning of the School must pay in cash. For the sake of local organization, however, it is much recommended to do it earlier.

Accommodation:

Information about accommodation will be available on the website of the School.

Certificate:

Students will be delivered a certificate stating the courses attended, their contents, and their duration.

Important dates:

Announcement of the programme: April 21, 2012

Starting of the registration: April 21, 2012

Early registration deadline: June 2, 2012

Starting of the School: August 27, 2012

End of the School: August 31, 2012

Questions and further information:

Lilica Voicu: florentinalilica.voicu@urv.cat

Website: <http://grammars.grlmc.com/ssmbio2012/>

Postal address:

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Research Group on Mathematical Linguistics (GRLMC)

Rovira i Virgili University

Av. Catalunya, 35

43002 Tarragona, Spain

Phone: +34-977-559543, **Fax:** +34-977-558386