

Free entry (subject to availability)

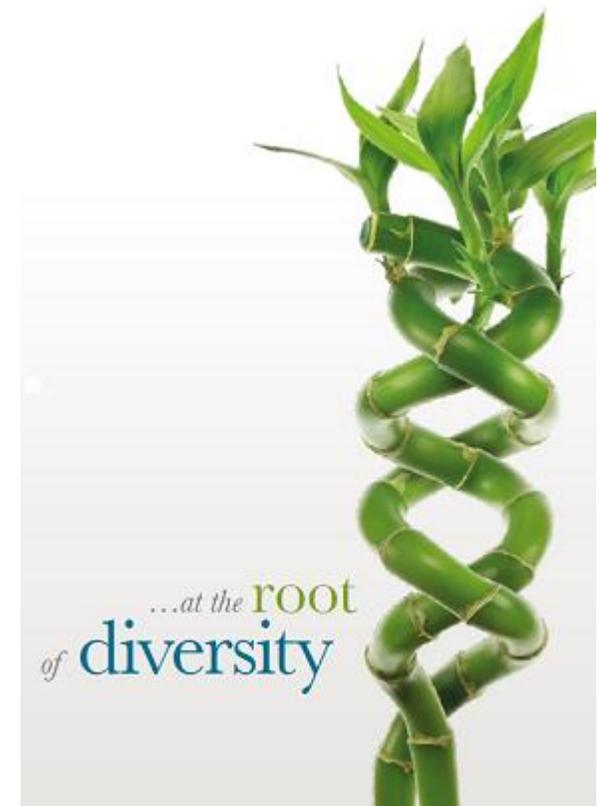


# GENOMICS MEETS METABOLOMICS

Seminar at the IGA, Scientific & Technological Park, ZIU, Udine  
October 6, 2014

- 14:30 Michele Morgante IGA & Federica Cattonaro IGA-TS, Udine Italy  
Welcome to speakers and participants
- 14:40 Bud Mishra, NYU's Courant Institute of Mathematical Sciences, New York US  
Enigma of Arrival: Codes, Codons and Coding
- 15:20 Fabio Marroni, University of Udine, Italy  
Integrating services and research: the activity of IGA-TS, IGA and UNIUD
- 15:40 Stefan Ledinger, Biocrates Life Sciences AG, Wien Austria  
Metabolic Phenotyping - a versatile tool in Functional Genomics and for Biomarker Research
- 16:20 Discussion
- 16:40 Expected end of the meeting

Via J. Linussio, 51, Udine (UD), Italy



## Presentation of speakers

**Bud Mishra**, NYU's Courant Institute of Mathematical Sciences, New York US

Bud Mishra is a professor of computer science and mathematics at NYU's Courant Institute of Mathematical Sciences, professor of human genetics at Mt. Sinai School of Medicine, and a professor of cell biology at NYU School of Medicine. He currently leads several groups working in biotechnology, bioinformatics, biomedicine, cyber security, data privacy, and data sciences. He is a fellow of IEEE, ACM and AAAS, a Distinguished Alumnus of IIT-Kgp, and a NYSTAR Distinguished Professor. From 2001-04, he was a professor at the Watson School of Biological Sciences, Cold Spring Harbor Lab; currently he is a QB visiting scholar at Cold Spring Harbor Lab.

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**October 6, 2014**

**14.30-16.40**

**Fabio Marroni**, University of Udine, Italy

Fabio Marroni is a researcher at the University of Udine. Before he worked at the University of Pisa, at the NHGRI in Baltimore, MD, at the EURAC's institute of Genetic Medicine in Bolzano, Italy, at the Institute of Applied Genomics in Udine, Italy and at IGA Technology services in Udine, Italy. His research focuses on the quantitative aspects of genetics and genomics: population genetics, genetic epidemiology and bioinformatics are some of the topics he is working on.

He is currently working on the use of several NGS approaches for the characterization of the pan-genome.

**Stefan Ledinger**, Biocrates Life Sciences AG, Innsbruck Austria

Born 1983 close to Vienna; degrees in Business Administration and Bioengineering. Before joining Biocrates, has worked as General Manager for a small diagnostic firm that develops innovative diagnostics for Cancer and Infectious Diseases. Within Biocrates, has the position of "Senior Medical Diagnostic Advisor", where strategically developing specific research areas is a major part of his work. In that position, his primary task is to translate the things that can be elucidated with Metabolomics to the language of the respective audience, and to make them aware of the potential the technology may be holding for their work.

## Contacts

**IGA – Istituto di Genomica Applicata**

Via J. Linussio, 51, Udine (UD), Italy

Tel. 0432 629782

[info@appliedgenomics.org](mailto:info@appliedgenomics.org)

[www.appliedgenomics.org](http://www.appliedgenomics.org)

@IGAItaly