





CZECH-ITALIAN SUMMER SCHOOL & BROKERAGE EVENT STRUCTURAL BIOINFORMATICS AND COMPUTATIONAL BIOLOGY

Brno, June 9-11, 2010 Matchmaking Event: Academia meets Industry

SynBIOsis is a FP7 project financed by the European Commission and coordinated by the South Moravian Innovation Center, Brno, Czech Republic. The project goal is to link and valorise research infrastructures and strengthen collaboration between scientists and businesses in Central Europe and to create a joint action strategy to increase their economic relevance.

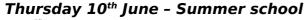
The event focuses on the following main topics:

- Expanding knowledge and trans-regional scientific collaboration
- Match-making and identifying counterparts from academia and industry
- Fostering preparation of joint R&D projects with special focus on FP7

Preliminary programme

Wednesday 9th June - Summer school

- 08:00 Arrival and registration of participants at IBA, Masaryk University campus in Brno-Bohunice
- 09:00 Welcome & Opening, Prof. Ladislav Dušek, IBA, Masaryk University
- Introduction to project SynBIOsis, Zlatuše Novotná 09:15
- **Prof. Vladimír Sklenář**, CEITEC, Masaryk University: Modern structural 09:30 biology, methods, role of interpretation of data, information...
- 10:30 Coffee break
- Prof. Lara Lusa, University of Ljubljana, Faculty of Medicine: Statistical 11:00 methods for the analysis of high dimensional data
- 12:30 Lunch
- Prof. Jiří Hřebíček, IBA, Masaryk University: Modern computational 14:00 biology, methods, role of interpretation of data, information ...
- 15:00 Coffee break
- Dr. Radka Svobodová Vařeková, CEITEC, Masaryk University: 15:30 Algorithms and software for superimposition of biomoleculs
- Dr. Simone Scalabrin, Institut of Applied Genomic, Udine: Next 16:15 Generation Sequences: high throughput and arising challenges
- Prof. Štepánka Vaňáčová, CEITEC, Masaryk University: Identification of 16:45 new types of RNA by high throughput analyses
- 20:00 Informal match-making and welcome party























- 08:00 Arrival and registration of participants at IBA, Masaryk University campus in Brno-Bohunice
- 09:00 Dr. Martin Prokop, CEITEC, Masaryk University: Software tools for molecular modelling of biomolecules, (program Triton presentation, etc)
- 10:30 Coffee break
- 11:00 **Dr. Paolo Sonego**, Cluster in BioMedicine(CBM), Trieste: Strategies and implementation of computational workflows for the analysis of highthroughput data using Open-Source software
- 12:30 Lunch
- 14:00 Dr. Zdeněk Kříž, CEITEC, Masaryk University: Searching multidimensional energetic hyperpanes (program CICADA presentation)
- **Dr. Matej Lexa**, Faculty of Informatics, Masaryk University: 14:45 Computational methods in Bioinformatics and Systems Biology
- Coffee break 15:30
- Dr. Stefano Gustincich, International School of Advanced Studies 16:00 (SISSA-ISAS), Trieste: Transcriptional landscape of neurons
- 16:45 **Prof. Andrea Sgarro**, University of Trieste, Department of Informatics: Two string distances for bioinformatics

Thursday 10th June - Brokerage event

Afternoon parallel presentations of South Moravian biotech infrastructures

- 14:00 CEITEC - Central European Institute of Technology
 - Tomáš Hruda, CEITEC Project Director, Masaryk University Prof. Jaroslav Koča Scientific Director for Life Sciences, CEITEC, Masaryk University
 - Prof. Radimír Vrba, Scientific Director for Material Sciences, CEITEC, University of Technology
- 15:00 ICRC - International Clinical Research Centre, Brno A representative of ICRC management (tbc)
- 15:30 Coffee break
- Excursion at Masaryk University campus and meeting with CEITEC and 16:00 ICRC research teams
- 20:00 Industry-academia social evening and informal match-making





















Friday 11th June - Summer school

- 9:00 Conclusions and evaluation of the summer school, prof. liří Hřebíček and representative of Italian delegation
- Awarding diplomas after completing summer school representatives of 10:00 project SynBIOsis
- 10:30 Coffee break

Friday 11th June - Brokerage event

- 08:00 Arrival and registration of participants at INBIT biotech incubator, Masaryk University campus in Brno-Bohunice
- 09:00 Welcome & Opening
- 09:20 Morning presentations of Italian companies/research teams
- 10:20 Coffee break
- Morning presentations of Czech companies/research teams 10:50
- 11:50 Upcoming calls of FP7 in targeted thematic areas, Czech National Contact Point representatives
- 12:30
- 13:30 One-to-one meetings of brokerage event participants (companies, researchers, consultation of project proposals with the NCPs)
- 16:00 End of the event

Organizing Committee

Olga Bohuslavová, Technology Transfer Office, Masaryk University Loredana Casalis, ELETTRA - Sincrotrone Trieste ScpA Marcello Guaiana, Area Science Park Trieste Ondřej Hradil, CEITEC - Central European Institute of Technology, Brno Jiří Hřebíček, Institute of Biostatistics and Analyses, Masaryk University Zlatuše Novotná, South Moravian Innovation Center, Brno Alessio Rocchi, CBM - Cluster in BioMedicine, Trieste Jiří Soukop, Institute of Biostatistics and Analyses, Masaryk University Omar Šerý, CEITEC Cluster - bioinformatics, Brno

Masaryk University premises, Brno, Czech Republic Location: Institute of Biostatistics and Analyses: site at Kamenice 126/3, Brno-Bohunice http://www.iba.muni.cz/index-en.php?f=contacts

Dates: 9th - 11th June 2010













