

Workshop on
Applications of Statistical and Machine Learning in Bioinformatics
BIT 2005, Toruń, Poland, September 15-16 2005

Organizers:

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Program of the BIT05 Workshop

Wednesday, Sept. 14/2005

17:00 (5 p.m.): Coach departure for Torun workshop.

Departure place:

A bus (free of charge) will pick you up at the front of Gromada
Airport Hotel in Warsaw and drop you at the hotel in Torun.

Arriving in Torun around 22 (10 p.m.).

A block of rooms was booked for the participants of the workshop at "Hotel SPICHRZ",
Mostowa 1 street, Torun.

Please call the number below to confirm the reservation (or contact the organizers if you need
an assistance with making reservations).

SPICHRZ

ul. Mostowa 1
87-100 TORUŃ

reservations: + 48 (56) 6571140

telephon: + 48 (56) 6571141

telephon: + 48 (56) 6571143

fax: + 48 (56) 6571142

e-mail:hotel@spichrz.pl

<http://www.spichrz.pl>

Thursday, Sept. 15/2005

VENUE:

(Wydział Ekonomii UMK, Torun, ulica Gagarina)

Faculty of Economic Sciences and Management,

Gagarina street, in the city district known as "Bielany".

If you get lost or you need help with your cab etc., please call the following number:

(Wiesiek, czy moglbys podac swoja komorka na wszelki wypadek?)

10:00 - Opening Address (Prof. Andrzej Jamiolkowski, Rector of N.Copernius University)

R1. Matthias Dehmer, TU Darmstadt, Germany, (P)

„Systems Biology Approach for Classification of DNA Microarray Data”

11:00

R2. Jarek Meller, "Recognition of Protein-Protein Interaction Sites and Membrane Domains with Prediction-based Structural Profiles". (P)

11:50-12:00 short break

12:00

R3. Raul Kompass, FU Berlin (P)

"A Generalized Divergence Measure for Non-negative Matrix Factorization"

13:00 lunch

14:00

R4. Isabelle Rivals, ESPECI, Paris, France (P)

“ A Procedure for the Evaluation of the Discriminatory Power of Differentially Expressed Genes”

14:50

R5. Rafal Adamczak, "Assessing Quality of Protein Models with Neural Network-based Relative Solvent Accessibility Prediction". (P)

15:40

coffee (20 min)

16:00

R6. Jacek Leluk, Warsaw University

"Methods of identification and localization of the coding sequences in genome"

17:00

R7. Shiro Usui, RIKEN Brain Science Institute, Japan title TBA

["Modelling approach and neuroinformatics in vision science" \(P\)](#)

18:00

S1. „Neuro-KIS”, K. Grabczewski, N. Jankowski

18:30 the end (1)

About 7 pm informal gathering and party at "Spichrz", Mostowa 1.

Friday- BIT05, September. 16/2005

Venue: Institute of **Physics**, Grudziadzka 5 street,
lecture room no. 20, 1st floor (european counting!)

10:00

R8. Marek Cieplak, Institute of Physics, Polish Academy of Sciences
"Folding, unfolding and mechanical stretching in geometry-based
models of proteins"

10:50

R9. Jacek Leluk, B. Lesyng, ICM, Warsaw University
"Classification and Characterization of Natural
Protein Inhibitors of Protein Kinases".

11:40-11:45 Photo-break

11:45

R10. Slawomir Filipek, International Institute of Molecular and Cell Biology, Warsaw
"Complexes of Dimeric Rhodopsin - Implications for G Protein Coupled Receptors"

12:35

S2. Anna Modzelewska, International Institute of Molecular and Cell Biology, Warsaw
"Investigations of a structure of the arrestin-rhodopsin complex.",

13-15 lunch

15:00

S3. Karina Kubiak, W. Nowak, Institute of Physics, N. Copernicus Univ., Torun
"Photophysical Processes in γ B-crystallines Eye Lenses
Proteins Studied by Molecular Dynamics Methods."

15:20

R11. Piotr Bala, Faculty of Mathematics and Computer Science, N. Copernicus Univ., Torun
"New computer technologies for bioinformatics."

16:10 coffee

16:30

R12. K.Ginalski, ICM, Warsaw University
BioInfoBank Institute, Poznan
title-TBA

17:20

S4. Marek Orzechowski, Dept. of Chemistry, Warsaw University
"Application of the Steered Molecular Dynamics Technique (SMD) to study
viscosity of solvents used in molecular modelling"

17:40

R13. W. Nowak, Institute of Physics, N. Copernicus Univ., Torun –
"Steered MD – methodology, recent advances and prospects"

18:30 the end (2)

evening – optional NAMD - SMD "nanotutorial I" TMBG Lab, Inst. of Physics

about 20 pm

Informal "Bear, Cheese and Wine and Blues" party at "Krzywa Wieza" Pub, old Town historic place

Saturday - September 17

*Optional informal workshop at TMBG lab at Inst of Phys. UMK
NAMD - SMD "nanoworkshop II"*

Supplementary INFO:

Wednesday evening

A bus (free of charge) will pick you up at the front of Gromada Airport Hotel in Warsaw and drop you at the hotel in Torun.

Thursday morning

Please come to the workshop, which will be held at the Faculty of Economic Sciences and Management, in the city region called Bielany.

We recommend taking a taxi (around 10 PLN or 3 USD).

The workshop will start at 10:00 am.

Lunch will be provided for registered workshop participants around 1:00 pm

Thursday evening

At about 7 pm, we plan to get together in a rustic restaurant called "Spichrz", near the city gates, at the "Mostowa Street".

Because of that, we suggest that you stay for the second night in Torun and enjoy the evening life there.

Travel back to Warsaw

The trains to Warsaw leave from the Central Railway Station (Torun Główny) at 5:56, 7:28, 11:24, 13:56 and 18:50. The journey takes

about 3 hours. Direct buses leave from the center of the town

and take about 4 hours, going also to the Warsaw Central Railway Station. We do not recommend them because they are slower. For

connections to other cities or connections requiring change of the trains please see: <http://reiseauskunft.bahn.de/bin/query.exe/e>

A plan of the Torun may be found at:

<http://www.torun.com.pl/mapa/>

A map of Bielany UMK Campus (useful for Thursday):

<http://www.umk.pl/przewodnik/bielany/>

Location of Institute of Physics (Friday, Saturday):

(instructions in Polish, sorry)

<http://www.phys.uni.torun.pl/phys/DOJAZD/dojazd-i.html>

E_MAILS, AFILIATIONS (to be cont.)

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