

PROGRAM OF THE SEMINAR

Thursday, June 19, 2008

OPENING OF THE SEMINAR

11:00 – 11:15

Maciej Nałęcz (Poland)

Director of the International Center of Biocybernetics

11:15 – 11:50 **Michael Schemper** (Austria) *Weighted estimation in Cox regression revisited*

11:50 – 12:25 **Jana Zvárová** (Czech Republic) *Biomedical informatics research for individualized life-long shared healthcare*

12:25 – 13:00 **Tomasz Burzykowski** (Belgium) *The use of the isotopic distribution in the processing of high-resolution MALDI-TOF mass spectrometry data*

13:00 - 14:00 *LUNCH BREAK*

14:00 - 14:30 **Ioana Moisi** (Romania) *Statistical classification techniques for mining clinical data*

14:30 - 15:00 **Leon Bobrowski** (Poland) *Feature subset selection based on the concept of linear reparability*

15:00 - 15:30 **Andrzej Galecki** (USA) *The statistical power calculations for clustered continuous data*

15:30 - 16:00 *COFFEE BREAK*

16:00 - 16:30 **Helena Bacelar-Nicolau** (Portugal) *Clustering complex and heterogeneous data in large data sets*

16:30 - 17:00 **Marek Druzdzel** (USA) *Methods for learning diagnostic and risk assessment models from data*

Friday, June 20, 2008

10:00 – 10:30 **Jan Doroszewski** (Poland) *Clinical trial and controlled therapy*

10:30 – 11:00 **David Badcott** (UK) *What do statisticians and clinical researchers need to know about healthcare ethics?*

11:00 – 11:30 **Norbert Victor** (Germany) *Ethical problems in clinical research*

11:30 - 12:00 *COFFEE BREAK*

12:00 – 12:30 **Cornelia Enăchescu, Denis Enăchescu**, (Romania) *Is the blood brain barrier closed for human growth hormone? A statistical approach for pituitary tumor prediction*

12:30 - 13:00 **Małgorzata Ćwiklińska-Jurkowska** (Poland) *The performance of support vector machines for medical datasets*

13:00 - 14:00 *LUNCH BREAK*

14:00 - 15:30

Statistical standards in medical research projects and publications

Ewa Kawalec, Piotr Jurkowski, Mariusz Kruk, Walerian Piotrowski

The special session addressed to medical doctors organized by the Polish National Group of the International Society for Clinical Biostatistics (*ISCB*)

POSTER SESSION

15:30 – 16:30

I. Chmiel, M. Górkiewicz, A. Czupryna, T. Brzostek

Multiple comparisons procedures in analysis of health-related quality of life outcomes

M. Górkiewicz

Observational studies: using propensity score with receiver operating characteristics and bootstrap

B. Jenner, A. Sarwa, M. Natłok

Patient's age, sex and localization of polyps in the large bowel and their number

I. Kuźmicz, M. Górkiewicz, T. Brzostek

Changes in ability to self-care and mobility and changes in psychological distress among residents of long-term care institution and social welfare home

T. Łukaszuk, M. Topczewska, H. Wasyluk, L. Bobrowski

Examples of medical data with linearly separable feature subsets

A. J. Milewska, D. Citko, J. Jamiółkowski, P. Ziniewicz, R. Milewski

Dynamic analysis of trends of hospitalization's time for different diagnoses based on data of gynecological patients in years 1996-2004

D. Piętka, A. M. Dulewicz, P. Jaszczak

Using statistical properties of overlapped nuclei textures for identification of cytological artifacts

T. Podsiadły-Marczykowska, A. Przelaskowski

The Role of (ROC) Curves in Evaluating Diagnostic Tests: An Editor for Mammogram Interpretation Case Study

J. Stefaniak, A. Pac, P. Goryński, W. Jędrychowski

Asthma related hospital admissions. Epidemiologic study in Poland in 2004

E. Wilczek-Rużyczka, K. Czabanowska, E. Walewska, M. Górkiewicz, K. Wojtas

Motivation to work fortifies attitude to motivating patients: evidence from Leonardo da Vinci program on motivational skills training in health social care

A. Wolińska-Welcz, H. Welcz

Grade approach to the analysis of questionnaires and clinical scale data

M. Zduńczuk, A. Korzyńska

Clustering for microscopic image simplification

GET TOGETHER PARTY

16:30 – 18:00