First International BioInfo'2005 Workshop
September 20th 2005

Final Programme

10.15-10.30

Workshop Opening

10.30-11.30

Prof. Nikola Kasabov (Knowledge Engineering and Discovery Research Institute, KEDRI Auckland University of Technology, New Zealand)
"Local and "Personalised" Modeling and Knowledge Discovery in Bioinformatics."

11.30-12.00 Coffee Break

12.00-12.30

Dr. Elena Tsiporkova (Computational Biology, VIB2 / Ghent University, Belgium) and **Assoc. Prof. Veselka Boeva** (Computer Systems Department, Technical University of Plovdiv, Bulgaria)
"Viewing the Phenomenon of Heterosis as a Network of Interacting Parallel Aggregation Processes."

12.30-13.00

Assoc. Prof. Stanislav Dimov (Faculty for Engineering in German Language, Technical University of Sofia, Bulgaria)
"About a New Method for Bioimpedance Measurement."

13.00-14.00 Lunch Break

14.00-14.30

Assoc. Prof. Kiril Tenekedjiev (Department of Economics and Management, Technical University – Varna, Bulgaria), **Balázs Váradi** and **Prof. Krasimir Kolev** (Department of Medical Biochemistry, Semmelweis University, Budapest, Hungary)
"Dissolution of Bi-component Fibrin Clots with Plasmin: Quantitation of the Modulating Effect of Myosin."

14.30-15.00

Prof. Stoicho Stoichev (Computer Systems Department, Technical University – Sofia, Bulgaria) and **Dobrinka Petrova** (Computer Systems Department, Technical University of Plovdiv, Bulgaria)
"One Way of Protein Structure Representation for Determining Protein Structure Similarity."

15.00-15.30 Coffee Break

15.30-16.00

Prof. Stoicho Stoichev, Hristina Dinkova (Computer Systems Department, Technical University – Sofia) and **Prof. Nikola Kasabov** (KEDRI Auckland University of Technology, New Zealand)
"An Algorithm for Determining Gene Activity Network."

16.00-16.30

Dr. Albena Taneva and **Assoc. Prof. Michail Petrov** (Control Systems Department, Technical University of Plovdiv, Bulgaria)
"Hybrid Neural Network Applications."

16.30-17.00

Prof. Ludmil Dakovski (Computer Systems Department, Technical University – Sofia, Bulgaria) and **Zekie Shevked** (Computer Systems Department, Technical University of Plovdiv, Bulgaria)
"Learning by Function Minimization Applied to Breast Cancer Diagnosis."