

# **T A B I S 2 0 1 0**

## **Theoretical Approaches to Bio- Information Systems**

*Institute of Physics, Belgrade*

# **P R O G R A M**

*Belgrade 20-21. 05. 2010.*

## Organizing Committee

- Branko Dragovich (Chairman),  
Institute of Physics, Belgrade
- Gordana Pavlović-Lažetić,  
Faculty of Mathematics, Belgrade
- Zoran Rakić,  
Faculty of Mathematics, Belgrade
- Paul Sorba,  
Lapth/CNRS, Annecy, France

## Thursday, May 20, 2010

Time	Speaker	Title
10 <sup>30</sup> - 11 <sup>00</sup>	<i>Caffe and Opening</i>	
11 <sup>00</sup> - 11 <sup>45</sup>	<i>Sergey Kozyrev</i>	<i>2-Adic parametrization of the genetic code</i>
11 <sup>50</sup> - 12 <sup>35</sup>	<i>Damjan Krstajić</i>	<i>Cancer diagnosis based on microarray gene expression data</i>
12 <sup>40</sup> - 13 <sup>10</sup>	<i>Miloje Rakočević</i>	<i>A Systemic-Chemical Approach To The Genetic Code</i>
13 <sup>10</sup> - 14 <sup>45</sup>	<i>Lunch and caffe break</i>	
14 <sup>45</sup> - 15 <sup>30</sup>	<i>Gordana Pavlović-Lažetić</i>	<i>Bioinformatics analysis of genome sequences</i>
15 <sup>35</sup> - 16 <sup>20</sup>	<i>Viktor Cerovski</i>	<i>Electronic Structure of Nucleotides Interacting with Nanotube Leads</i>
16 <sup>25</sup> - 17 <sup>00</sup>	<i>Discussion</i>	

## Friday, May 21, 2010

Time	Speaker	Title
10 <sup>30</sup> - 10 <sup>45</sup>	<i>Caffe</i>	
10 <sup>45</sup> - 11 <sup>30</sup>	<i>Paul Sorba</i>	<i>A symmetry approach for modelling the genetic code</i>
11 <sup>35</sup> - 12 <sup>20</sup>	<i>Petar Grujić</i>	<i>The Logic Of Scientific Discovery - Case Study Of DNA -</i>
12 <sup>25</sup> - 12 <sup>55</sup>	<i>Saša Malkov</i>	<i>Reexamination of Correlations of Amino Acids with Particular Secondary Structures</i>
12 <sup>55</sup> - 14 <sup>45</sup>	<i>Lunch and caffe break</i>	
14 <sup>45</sup> - 15 <sup>30</sup>	<i>Nenad Mitić</i>	<i>n-Gram prediction of genomic islands</i>
15 <sup>35</sup> - 16 <sup>20</sup>	<i>Branko Dragovich</i>	<i>p-Adic Modeling of the Genetic Code</i>
16 <sup>25</sup> - 17 <sup>00</sup>	<i>Discussion</i>	