

## Schedule of the BIOXHIT TID-workshop Heraklion, 23-25 June 2008

### Monday, 23 June 2008

09.15-09.30	<i>Welcome address</i> – Practical notes <b>Kyriacos Petratos</b> [Institute of Molecular Biology & Biotechnology, Foundation for Research and Technology-Hellas, Heraklion]
09.30-10.20	<i>“Experiences on Protein Crystallization”</i> <b>Yannis Papanikolaou</b> [Institute of Radioisotopes & Radiodiagnostic Products, Demokritos, Athens]
10.20-11.10	<i>“High-throughput Crystallization”</i> <b>Jochen Müller-Dieckmann</b> [EMBL-Hamburg, Germany]
11.10-11.40	Coffee Break
11.40-13.10	<b>Practical Training Session I</b>
13.10-14.00	<i>“The Importance of the Fourier Transform, Argand Diagram, and Reciprocal Lattice”</i> <b>Rikkert Wierenga</b> [University of Oulu, Finland]
14.00-15.00	Lunch
15.00-15.50	<i>“Automatic Data Collection and Processing at the ESRF”</i> <b>Xavier Thibault</b> [ESRF-Grenoble, France]
15.50-16.40	<i>“Diffraction Data Processing, the MOSFLM and SCALA Programs”</i> <b>Andrew Leslie</b> [Medical Research Council, Cambridge, U.K.]
16.40-17.10	Coffee Break
17.10-18.40	<b>Practical Training Session II</b>

### Tuesday, 24 June 2008

09.00-09.50	<i>“Automatic Processing of X-ray Rotation Data Images by the Program XDS”</i> <b>Wolfgang Kabsch</b> [Max Planck Institute for Medical Research, Heidelberg, Germany]
09.50-10.40	<i>“Optimal Data Collection Strategies for Macromolecular Crystallography based on Statistical Modeling”</i> <b>Alexander Popov</b> [ESRF, Grenoble, France]
10.40-11.10	Coffee Break
11.10-12.40	<b>Practical Training Session III</b>
12.40-13.30	<i>“The Phase Problem, Isomorphous Heavy Atom Method”</i> <b>Paul Tucker</b> [EMBL-Hamburg, Germany]
13.30-14.30	Lunch
14.30-15.20	<i>“Phasing via Molecular Replacement”</i> <b>Nikolaos Glykos</b> [Dept. of Molecular Biology and Genetics, Univ. of Thrace, Alexandroupolis]
15.20-16.50	<b>Poster Session I</b>
16.50-18.20	<b>Practical Training Session IV</b>
20.00	<i>Dinner at a nearby traditional village</i>

**Wednesday, 25 June 2008**

09.40-10.30	<i>“Automation in Structure Determination, The Auto-Rickshaw Programs”</i> <b>Santosh Panjkar</b> [EMBL-Hamburg, Germany]
10.30-11.00	Coffee Break
11.00-12.00	Auto-Rickshaw demonstration
12.00-13.00	<b>Poster Session II</b>
13.00-14.00	Lunch
14.00-15.30	<b>Practical Training Session V</b>
15.30-18.30	<b>Results of the Workshop</b> – Participants’ Remarks, Evaluation of the Course, <i>Open Discussion</i>

**Practical Training Session Instructors**

Wolfgang Kabsch, Max Planck Institute for Medical Research, Heidelberg  
Andrew Leslie, Medical Research Council, Cambridge  
Jochen Müller-Dieckmann, EMBL-Hamburg  
Alexander Popov, ESRF, Grenoble  
Paul Tucker, EMBL-Hamburg

**Organizing Committee**

Kyriacos Petratos  
Renate Gessmann  
Evangelia G. Kapetaniou  
Spyros Zographos, SBCG-NHRF, Athens