

**2nd TID Workshop on Biocrystallography with Synchrotron Radiation
Poznań, 5 - 9 December 2005**

P R O G R A M M E

Monday, 5 Dec	11:00 - 11:05	Welcoming remarks Mariusz Jaskólski, Head of CBB
	11:05 - 11:10	Welcoming remarks Director of IBCh
	11:10 - 11:30	Introduction to the Workshop (practical matters) Mariusz Jaskólski and Wojciech Rypniewski
	11:30 - 12:00	Tour of IBCh
	12:00 - 13:30	Lecture I: Purification and assessing of protein purity prior to crystallization, <i>Michał Sikorski</i>
	13:30 - 14:30	Lunch
	14:30 - 15:30	Lecture II: Application of mass spectrometry for proteomics and protein structural studies, <i>Michał Dadlez</i>
	15:30 - 15:45	Break
	15:45 - 18:45	Training Session 1
	19:00	Dinner
Tuesday, 6 Dec	9:00 - 10:00	Lecture III: Crystals, symmetry and X-ray diffraction, <i>Mariusz Jaskólski</i>
	10:00 - 10:30	Break
	10:30 - 13:30	Training Session 2
	13:30 - 14:30	Lunch
	14:30 - 15:30	Keynote Lecture IV: Strategy and Tactics of X-ray data collection <i>Zbigniew Dauter</i>
	15:30 - 15:45	Break
	15:45 - 18:45	Training Session 3
	19:00	Dinner

Wednesday, 7 Dec	9:00 - 10:00	Lecture V: Protein Crystallisation <i>Grzegorz Bujacz</i>
	10:00 - 10:30	Break
	10:30 - 13:30	Training Session 4
	13:30 - 14:30	Lunch
	14:30 - 15:30	Lecture VI: Molecular Replacement <i>Matthias Bochtler</i>
	16:15 – 17:00	Organ Concert in Parish Church
	19:00	Gala Dinner
Thursday, 8 Dec	9:00 - 10:00	Lecture VII: AUTORICKSHAW <i>Venkataraman Parthasarathy</i>
	10:00 - 10:30	Break
	10:30 - 13:30	Training Session 5
	13:30 - 14:30	Lunch
	14:30 - 15:30	Lecture VIII: Some applications of synchrotron radiation <i>Wojciech Rypniewski</i>
	15:30 - 15:45	Break
	15:45 - 18:45	Training Session 6
Friday, 9 Dec	7:30 - 08:30	Breakfast & check out conference hotel
	08:30 – 09:30	Final meeting with organizing committee and transport to Poznań train station/airport

Notes

The following practical training sessions are planned:

1. Wet lab methods	M. Sikorski
2. Crystallisation	G. Bujacz
3. X-ray practicals	W. Rypniewski
4. Molecular Replacement	M. Bochtler
5. Data processing	Z. Dauter
6. Phasing	V. Parthasarathy

Each training session takes about 3 hours.

Additional time may be taken in the evening, if needed, eg. to check the results of the practical sessions (electrophoresis, crystallisation).

The training schedule

The training schedule assumes 6 groups (ca. 24 students) doing the practical sessions according to the following scheme.

Plan of training sessions

ROOM	Wet-lab	Crystallization	X-ray	Data Processing.	Molecular Modelling	Phasing
	Lab 102	Lab 008	Lab 007	TID 314	Lab 010	Lab 004
TUTOR	Sikorski	Bujacz	Rypniewski	Dauter	Bochtler	Parthasarathy
Groups						
Monday p.m.	1	2	3	4	5	6
Tuesday a.m.	6	1	2	3	4	5
Tuesday p.m.	5	6	1	2	3	4
Wednesday a.m.	4	5	6	1	2	3
Thursday a.m.	3	4	5	6	1	2
Thursday p.m.	2	3	4	5	6	1