



STUDY WEEKEND

4th~5th~6th January 2007
University of Reading

FRIDAY 5th JANUARY

07:30 - 09:00	Breakfast
08:30	Registration Opens at the Palmer Lecture Theatre
09:00 - 10:30	Mini Workshop: "What's New with CCP4?" in the Palmer Lecture Theatre
10:00	Coffee & Tea Available
SESSION 1 - Introduction (11:00 - 13:00)	
11:00 - 12:00	PHIL EVANS "Introduction to molecular replacement"
12:00 - 12:30	STEFANO TRAPANI "AMoRe: Classical and modern"
12:30 - 13:00	ELEANOR DODSON "The Border between Molecular Replacement and the Experiment"
13:00 - 14:00	LUNCH
SESSION 2 - Model Generation (14:00 - 16:00)	
14:00 - 14:30	GEOFF BARTON "Alignment methods and model search for MR"
14:30 - 15:00	ANDREY LEBEDEV "Molrep: model generation and molecular replacement"
15:00 - 15:30	MARC DELARUE "Normal mode model generation for X-ray and EM"
15:30 - 16:30	COFFEE / TEA
SESSION 3 - Solution Validation and Model Completion (16:30 - 18:30)	
16:30 - 17:00	GERARD BRICOGNE "Bias removal and model completion after MR"
17:00 - 17:30	SERGE COHEN "ARP/wARP and molecular replacement: The Next Generation"
17:30 - 18:00	PAUL ADAMS "Molecular Replacement and structure completion in PHENIX"
18:00	End of Session
19:30	Conference Dinner at Newbury Racecourse

SATURDAY 6th JANUARY

SESSION 4 - EM and MR at Low Resolution (09:00 - 11:00)	
09:30 - 10:00	JORGE NAVAZA "Electron microscopy and MR"
10:00 - 10:30	YONG XIONG "EM to X-ray: case study"
10:30 - 11:00	KEVIN COWTAN "Fitting small fragments into electron density"
11:00 - 11:30	COFFEE / TEA
SESSION 5 - Complicated Cases and MR (11:30 - 13:40)	
11:30 - 12:00	RANDY READ "Coping with translational NCS in Phaser"
12:00 - 12:25	MISHA ISUPOV "Tricks of MR: Try, analyse and try again"
12:25 - 12:50	PETER ZWART "General pathologies"
12:50 - 13:15	JUDIT DEBRECZENI "Twinning in MR"
13:15 - 13:40	ADRIAN LAPHORN "MR with many copies"
13:40 - 14:15	LUNCH
SESSION 6 - MR Pipelines (14:15 - 16:15)	
14:15 - 14:45	MARTYN WINN "MR Bump"
14:45 - 15:15	FEI LONG "Complete automation of molecular replacement in BALBES"
15:15 - 15:45	LUKASZ JAROSZEWSKI "JCSG MR-Pipeline: multiple alignments, models and parallel MR searches"
15:45 - 16:15	FRANK VON DELFT "MR, the workhorse of the SGC"
16:15	Questions & Answers / Meeting Closes