

2nd OIST-CCP4 Workshop on Structure Solution

Day 1. **Data processing** (4 Nov)

1. spring8 - Kazuya HASEGAWA
 2. data processing - Phil EVANS
 3. data analysis - Phil EVANS
 4. twinning/truncate - Andrea THORN
- tutorials and problem solving for Data processing (EVANS/BALLARD/KEEGAN)

Day 2. **Phasing using MR** (5 Nov)

1. MR/phaser - Gabor BUNKOCZI
 2. MR Pipelines (MrBUMP) - Ronan KEEGAN
 3. MR Pipelines (BALBES) - Garib MURSHUDOV
 4. Density Modification - Charles BALLARD
- tutorials and problem solving on MR and DM (BUNKOCZI/KEEGAN/MURSHUDOV)

Day 3. **Phasing using EP** (6/Nov)

1. Experimental Phasing/SHELX - Andrea THORN
 2. EP phaser - Gabor BUNKOCZI
 3. EP crank - Pavol SKUBAK
 4. Lfire - Min YAO
- tutorials and problem solving on EP and Lfire (YAO,BUNKOCZI,SKUBAK,THORN)

Day 4. **Model building and refinement** (7 Nov)

1. Preparation for refinement- Garib MURSHUDOV
 2. Refinement using Refmac- Garib MURSHUDOV .
 3. Model building arp/warp - Tim WIEGELS
 4. Model building/ligands coot - Judit DEBRECZENI
- tutorials and problem solving on refinement and model building (MURSHUDOV,WIEGELS,DEBRECZENI)

Day 5. **Ligands, deposition and beyond** (8 Nov)

1. Ligands - Tim WIEGELS
 2. Deposition - Nobutoshi ITO
 3. CCP4 beyond structure solution - Eugene KRISSINEL
- tutorials and problem solving (ALL)