

Program

The 1st **BioStruct-X** Mediterranean Macromolecular Crystallography Workshop

Monday January 4, 2016

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| 09:00 | Coffee @ Whizin Lecture Hall |
| 09:45 | Welcome (15') |
| 10:00 | Data Collection (General intro) - <i>Zbigniew Dauter (60')</i> |
| 11:00 | Data Collection (Anomalous Scattering) - <i>Zbigniew Dauter (45')</i> |
| 11:45 | Coffee |
| 12:00 | "Data Collection in the lab: hardware and solutions from Rigaku Oxford Diffraction" - <i>Tadeusz Skarzynski (45')</i> |
| 12:45 | Data Processing XDS - <i>Karine Sparta (90')</i> |
| 14:15 | Lunch @ Emerson 1 st Floor |
| 15:00 | Hands on Data Collection (SAD) - <i>TCSB team (60')</i> |
| 16:00 | Coffee |
| 16:15 | Hands on Data Processing by XDS - <i>Karine Sparta (150')</i> |
| 18:45 | Dinner |

Tuesday January 5, 2016

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| 09:00 | Coffee @ Whizin Lecture Hall |
| 09:15 | Phasing 1 - SAD (Phenix) - <i>Tom Terwilliger (120')</i> |
| 11:15 | Coffee |
| 11:30 | Phasing 2 - MR (Phaser, Phenix) - <i>Randy Read (90')</i> |
| 13:00 | Twinning - <i>Zbigniew Dauter (45')</i> |
| 13:45 | Poster Session (drinks & refreshments) @ <i>Biotechnology Auditorium</i> |
| 15:45 | Social Outing and Dinner |

Wednesday January 6, 2016

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| 09:00 | Coffee @ Whizin Lecture Hall |
| 09:15 | Density Modification (Phenix) - <i>Tom Terwilliger (45')</i> |
| 10:00 | Refinement (Phenix) - <i>Randy Read (75')</i> |
| 11:15 | Coffee |
| 11:30 | Building and Rebuilding (Phenix, Coot) - <i>Tom Terwilliger (90')</i> |
| 13:00 | Lunch @ Emerson 1 st Floor |
| 13:45 | Hands on Phasing (SAD and MR) (Phenix) - <i>Tom, Randy & Zbigniew (120')</i> |
| 15:45 | Coffee |
| 16:00 | Hands on Refinement (Phenix) - <i>Tom, Randy & Zbigniew (75')</i> |
| 17:15 | Hands on Building and Rebuilding (Phenix, Ligands, solvent) - <i>Tom, Randy & Zbigniew (60')</i> |
| 18:15 | Hands on Structure Validation & quality statistics (Phenix, Coot) - <i>Tom, Randy, Zbigniew & Landau (60')</i> |
| 19:15 | Gala Dinner @ <i>Mandarin Restaurant</i> |