

## DAY 1 | MONDAY | 1<sup>st</sup> JULY 2024

Time	Activity/Topic	Speaker
9:00 – 9:30	Registration <i>NOVA FCT Library</i>	
9:30 – 10:00	<b>Welcome and introductory remarks</b> <i>NOVA FCT Library</i>	Hartmut Luecke Maria João Romão
10:00 – 11:00	<b>Overview of cryo-EM principles, instrumentation, and applications</b> <i>NOVA FCT Library</i>	Hartmut Luecke
11:00 – 12:00	<i>Coffee break &amp; Poster session (NOVA FCT Library)</i>	
12:00 – 13:00	<b>Cryo-EM and the Future of Structural Biology in Drug Discovery</b> <i>NOVA FCT Library</i>	Herbert Nar (Boehringer-Ingelheim)
13:00 – 14:30	<i>Lunch break (Campus.come restaurant)</i>	
14:30 – 15:30	<b>Introduction to X-ray crystallography techniques and applications</b> <i>NOVA FCT Library</i>	Teresa Santos-Silva
15:30 – 16:30	<i>Coffee break (Chemistry Building)</i>	
16:30 – 18:00	<b>Hands-On: Intro to cryo-EM image data processing</b> <i>Room 2.04 (Chemistry Building)</i>	Hartmut Luecke

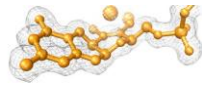
*Social Dinner (Lisbon)*

## DAY 2 | TUESDAY | 2<sup>nd</sup> JULY 2024

Time	Activity/Topic	Speaker
9:30 – 11:00	<b>Hands-On: X-ray diffraction, indexing, integration and scaling</b> <i>Room 1.12 (X-ray Lab – Chemistry Building)</i>	Ana Luísa Carvalho
11:00 – 12:00	<i>Coffee break &amp; Poster session (NOVA FCT Library)</i>	
12:00 – 13:00	<b>CryoEM: from basics to real life examples</b> <i>NOVA FCT Library</i>	Eva Cunha (Proteros)
13:00 – 14:30	<b>Group Photo</b> <i>Lunch break (Campus.come restaurant)</i>	
14:30 – 16:00	<b>Hands-On: Structure solution by MR methods; refinement and validation of protein complexes</b> <i>Room 2.04 (Chemistry Building)</i>	Cristiano Mota
16:00 – 16:30	<i>Coffee break (Chemistry Building)</i>	
16:30 – 18:00	<b>Hands-On: Fitting and building of atomic models in cryo-EM density maps</b> <i>Room 2.04 (Chemistry Building)</i>	Hartmut Luecke



1<sup>st</sup> CryoEM – X-ray Crystallography Synergy Workshop  
Caparica, Portugal, 1<sup>st</sup>-3<sup>rd</sup> July 2024



**DAY 3 | WEDNESDAY | 3<sup>rd</sup> JULY 2024**

<b>Time</b>	<b>Activity/Topic</b>	<b>Speaker</b>
10:00 – 13:00	Hands-On Group 1: <b>Cryo-EM sample vitrification</b> <i>Lab 377 (Chemistry Building)</i>	Michael Adams (Thermo Fisher Scientific)
13:00 – 14:30	<i>Lunch break (Campus.come restaurant)</i>	
14:30 – 17:30	Hands-On Group 2: <b>Cryo-EM sample vitrification</b> <i>Lab 377 (Chemistry Building)</i>	Michael Adams (Thermo Fisher Scientific)