## ID29: Tunable past and time-resolved future

### Wednesday, 6th February 2019 - Microsymposium UDM1

**Venue:** ILL Chadwick Amphitheatre

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:15</td>
<td>Registration</td>
</tr>
<tr>
<td>08:50</td>
<td>Introduction to the microsymposium UDM1 by <strong>Michela Brunelli</strong></td>
</tr>
</tbody>
</table>

### Session I - Chair: Michela Brunelli

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
</table>
| 09:00 – 09:30 | ID29 and the development of macromolecular crystallography: Looking back on the past and into the future | **Sine Larsen**  
University of Copenhagen |
| 09:30 – 10:00 | My lab's life at ID29: squeezing the maximum out of evil glycoprotein crystals | **Luca Jovine**  
Karolinska Institut, Sweden |
| 10:00 – 10:30 | High throughput data collection for high throughput crystallography      | **Mladen Vinkovic**,  
ASTEX Pharmaceuticals, UK |
| 10:30 – 11:00 | Coffee break                                                            |                                   |
| 11:00 – 11:30 | From static domains to dynamic complexes on ID29                        | **Stephen Cusack**  
EMBL Grenoble, France |
| 11:30 – 12:00 | The power of an interdisciplinary approach in understanding cofactor-independent biological oxidation | **Roberto Steiner**  
King’s College London, UK |
| 12:00 – 12:30 | Grouping of synchrotron serial crystallographic data for phasing        | **Nicolas Foos**  
ESRF France |
| 12:30 – 14:00 | Lunch at ESRF/ILL restaurant                                             |                                   |

### Session II - Chair: Gordon Leonard

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
</table>
| 14:00 – 14:30 | Dynamics of bacteriorhodopsin activation studied at synchrotrons and X-ray lasers | **Jörg Standfuss**  
PSI Switzerland |
| 14:30 – 15:00 | Serial Crystallography - Exciting possibilities for time resolved Structural Biology | **Dominik Oberthür**  
CFEL Germany |
| 15:00 – 15:30 | Processing, analysing and managing data for serial crystallography experiments | **Thomas White**  
CFEL Germany |
| 15:30 – 16:00 | Fixed-target serial crystallography experiments at the ID09 beamline      | **Matteo Levantino**  
ESRF France |
| 16:00 – 16:20 | Coffee break                                                            |                                   |
| 16:20 – 16:40 | Sub-second time-resolved synchrotron crystallography of a plant photoreceptor | **Sylvain Aumontier**  
ESRF France |
| 16:40 – 17:00 | Fixing the target - Serial approaches and smaller beams in low-dose macromolecular crystallography | **Ivo Tews**  
University of Southampton, UK |
| 17:00 – 17:20 | Structural insights into the conformational plasticity of chromatin      | **Carlo Petosa**  
IBS France |
| 17:20 – 17:40 | Serial synchrotron crystallography at EMBL PETRA III Beamline P14        | **Johanna Hakanpää**  
EMBL Hamburg, Germany |
| 17:40 – 18:00 | Serial crystallography-on-a-chip: Microfocused X-rays and microfluidics for time-resolved diffraction studies | **Mark Levenstein**  
University of Leeds, UK |
| 18:00 – 18:20 | Serial crystallography at the ESRF Extremely Brilliant Source: The ID29 upgrade project | **Daniele de Sanctis**  
ESRF France |
| 18:20 – 18:30 | Conclusion by **Jean Susini**  -  End of Meeting                        |                                   |