

## MRC-KHIDI UK-Korea Structural Biology Symposium 16<sup>th</sup> August 2018

*Diamond Light Source Ltd., OX11 0DE*

<i>09:30 – 10:15 Registration</i>			
<b>CryoEM session: Peijun Zhang</b>			
<i>Time</i>	<i>Speaker</i>	<i>Title</i>	<i>Institute</i>
10:15 – 10:25		Welcome and Introduction	Diamond/Pohang
10:25 – 10:55	Paula de Fonseca	CryoEM in drug discovery: the structure of Plasmodium proteasomes in the fight against malaria	LMB Cambridge, UK
11:00 – 11:30	Ho Min Kim	Single particle EM from low to high resolution for macromolecular complex structures	KAIST, Daejeon, Korea
11:35 – 12:05	Doryen Bubeck	CryoEM reveals how the complement membrane attack complex ruptures lipid bilayers	Imperial College London, UK
<i>12:15 – 13:15 Lunch</i>			
<b>XFEL session: Allen Orville</b>			
13:15 – 13:45	Ilme Schlichting	Protein structure and dynamics using XFELs	Max Planck Institute, Heidelberg, Germany
13:50 – 14:20	Changyong Song	PAL-XFEL beamlines and experiments	POSTECH, Korea
14:25 – 15:05	Andrea Katz	Mixing injector for time-resolved crystallography at x-ray free electron laser sources	Cornell University Ithaca, USA
15:10 – 15:40	Mike Hough	Time and sample efficient fixed target serial crystallography of metalloenzymes using XFEL and synchrotron beamlines	University of Essex, UK
<i>15:45 – 16:15 Coffee break</i>			
<b>MX Session: Martin Walsh</b>			
16:15 – 16:45	Susan Lea	TBC	University of Oxford, UK
16:50 – 17:20	Yeon-Gil Kim	Status of MX beamlines at the Pohang Light Source II and future plans	PAL Synchrotron, Pohang, Korea
17:25 – 17:55	Emma Beale	Electron diffraction of three-dimensional protein crystals	Diamond Light Source, UK
<i>18:00 – 19:30 Drinks reception and buffet dinner</i>			