

2018 CMM User Forum - Wednesday 12th December 2018

Location: AIBN Seminar Room – Level 1 Building 75

Program

09:00 – 09:15	Welcome and Introduction: Roger Wepf (Director of CMM)
09:15 – 10:00	Research Program Overview: <i>Designing next generation solar driven biotechnologies. A multi scale approach.</i> Ben Hankamer (IMB, UQ)
10:00 – 10:15	CMM Laboratory Updates Rick Webb Ron Rasch
	CMM Client Project Presentations:
10:15 – 10:30	Eivind Undheim (CAI) <i>Mass spectrometry as a tool for understanding venom biology</i>
10:30 – 10:45	Nasim Amiralian (AIBN) <i>Different approaches to producing cellulose nanofibre</i>
10:45 – 11:00	Stuart Nicol (SCE) <i>Controlled solidification of synthetic iron ore sinter melts</i>
11:00 – 11:15	Alison White (AIBN) <i>Optimisation of Impermeable Gold Microcapsules</i>
11:15 – 11:30	Sarah Piper (IMB) <i>Cryo-EM structures of YenTc: new clues to the molecular mechanisms of pore-forming ABC toxins</i>
11:30 – 12:45	BREAK
12:45 – 13:00	CMM Laboratory Updates Matthias Floetenmeyer Kevin Jack
	CMM Client Project Presentations:
13:00 – 13:15	Antony Van der Ent (SMI) <i>MicroXRF mapping of plant material samples</i>

13:15 – 13:30	<p>Emily Furlong (IMB) <i>Studies of the trimeric disulfide isomerase PmScsC and its redox partner PmScsBa</i></p>
13:30 – 13:45	<p>Yuzhe Yang (SMME) <i>Growth mechanism of single-crystalline layered nanostructures grown by salt-assisted atmospheric pressure chemical vapour deposition</i></p>
13:45 – 14:00	<p>Rachpon Kalra (SMP) <i>From optomechanics to phononic circuits</i></p>
14:00 – 15:00	<p>Research Program Overview: <i>Advances in mass spectrometry for molecular structure elucidation with spatial context</i> Stephen Blanksby (CARF, QUT)</p>
15:00 – 15:30	<p>CMM Town Hall: A Q&A and Client Input Opportunity into Future Developments at CMM Kevin Jack</p>
15:30 – 17:00	<p>CMM EOY Client Celebration</p>