

## Perspectives for energy and materials science research with large scale facilities

### – Joint ANSTO-HZB Workshop –

<b>Program</b>	
<b>Tuesday, 7 March 2017</b>	
WCRC Adlershof, <b>BESSY II, Lecture Hall</b>	
<b>08:30-08.55</b>	Meeting and registration at BESSY II Foyer
<b>09.00-09.15</b>	<b>Welcome address:</b> <b>Prof. A. Kaysser-Pyzalla or Thomas Frederking, HZB Board of Directors</b> <b>Dr. Jamie Schulz, Leader of the Australian Centre for Neutron Scattering at ANSTO</b>
<b>09.15-10.50</b>	<b>Session 1: Energy materials research with photons</b>
	<b>Chair:</b> Dr. Catalina Jiménez
09.15-09.35	<b>Energy Materials Research at the Australian Synchrotron</b>
	Prof. Michael James (Head of Science at the Australian Synchrotron)
09.40-10.00	<b>The energy materials in-situ lab EMIL at BESSY II</b>
	Prof. Klaus Lips
10.05-10.25	<b>Photon-based characterization of energy materials in both the energy and time domain</b>
	Prof. Emad Aziz
10.30-10.50	<b>Energy materials research with resonant microwave photons</b>
	Prof. Jan Behrends and Dr. Alexander Schnegg
<b>10.50-11.10</b>	Coffee break
<b>11.10-13.10</b>	<b>Session 2: Energy materials research with neutrons</b>
	<b>Chair:</b> Dr. Roland Steitz
11.10-11.30	<b>Energy-materials research using neutron scattering at ANSTO</b>
	Prof. Garry McIntyre, Research Leader at the Australian Centre for Neutron Scattering
11.35-11.55	<b>Neutrons for spin liquids and functional materials in the FIT program</b>
	Prof. Bella Lake
12.00-12.20	<b>Structure and dynamics of hybride perovskites: insights by neutron scattering</b>
	Prof. Susan Schorr

	12.25-12.45	<b>In-situ analysis with neutrons and photons of electrode materials for electrochemical energy storage</b>
		Dr. Sebastian Risse
	12.50-13.10	<b>Energy Materials and Neutron Reflectometry at ANSTO</b>
		Dr. Anton LeBrun (Instrument scientist at the OPAL neutron source)
<b>13.10-14.00</b>	Lunch	
<b>14.00-15.50</b>	<b>Session 3: Beamlines at BESSY II &amp; user service</b>	
	<b>Chair:</b>	Dr. Alexander Schnegg
	14.00-14.35	<b>Research opportunities at the new beamlines of the Australian Synchrotron</b>
		Prof. Michael James
	14.40-15.00	<b>Experimental capabilities at BESSY II</b>
		Dr. Christian Jung
	15.05-15.25	<b>Research on topological insulators at the ARPES beamlines of BESSY II</b>
		Prof. Oliver Rader
	15.30-15.50	<b>User service, user involvement and quality management for user beamtime projects</b>
		Dr. Antje Vollmer
<b>15.50-16:30</b>	Coffee & Conclusion	