

## Programme

### Day 1, Monday 15th April

Time	Event	Location
09:00	Registration and refreshments	Foyer
09:30	Welcome – Paul Shearing	L2
<i>Session 1: Atomistic to continuum modelling (chair Arnulf Latz)</i>		
09:45	<b>Keynote: Katsuyo Thornton</b> – “Elucidating the interplay between thermodynamics, kinetics and electrochemistry in battery electrodes through modelling”	L2
10:45	Refreshments	Foyer
11:15	<b>Adam Weber</b> – “Multi-ion Transport in Ion-Conducting Polymers”	L2
12:15	Lunch	Foyer
<i>Session 2: Continuum modelling (chair Laurence Brassart)</i>		
13:45	<b>Anja Bielefeld</b> – “Microstructures in Batteries: From Liquid to Solid”	L2
14:45	Refreshments	Foyer
15:15	<b>Edwin Knobbe</b> – “Challenges in modelling the interaction of mechanics and electrochemistry for battery cell simulations.”	L2
16:15	Poster Session and Drinks Reception	Foyer
19:00	Walk to Lady Margaret Hall	
19:15	Dinner	LMH

### Day 2, Tuesday 16th April

Time	Event	Where
08:30	Arrival and refreshments	Foyer
<i>Session 3: Continuum modelling (chair Henk-Jan Bergveld)</i>		
09:30	<b>Keynote: Mark Verbrugge</b> – “The multi-site, multi-reaction model applied to lithium-based batteries”	L2
10:30	Refreshments	Foyer
11:00	<b>Gregory Plett</b> – “Nondestructive methods for estimating parameters of physics-based lithium-ion cell models”	L2
12:00	Lunch	Foyer
<i>Session 4: Design/Control-oriented modelling (chair Monica Marinescu)</i>		
13:30	<b>Helge Stein</b> – “Varying and connecting everything in battery experiments and modelling”	L2
14:30	Refreshments	Foyer
15:00	<b>Wolfgang Bessler</b> – “State diagnosis of lithium-ion batteries with voltage-controlled equivalent circuit models”	L2
16:00	Closing Remarks	L2