

PROGRAMME
SIRBATT Workshop: Understanding Lithium Battery Interfaces, Bilbao, Spain
Tuesday 29th September 2015

Monday 28th September 2015		
a.m./p.m.	Arrivals	
Tuesday 29th September 2015		
08:30 – 09:00	Registration and posters	
09:00 – 09:10	Introduction, aims, programme	Laurence Hardwick SIRBATT Coordinator
09:10 – 10:00	<i>Interfaces and Interphases in Silicon Anodes for Li-ion batteries</i>	Key Note: Professor Kristina Edstrom Uppsala University
10:00 – 10:30	<i>Near-field techniques for the diagnosis of Li-ion batteries</i>	Ivan T Lucas UPMC University Paris
10:30 – 11:00	<i>In situ Gas Analysis for rechargeable Lithium Batteries</i>	Erik Berg Paul Scherrer Institut
11:00 – 11:30 Coffee Break and posters		
11:30 – 12:00	<i>InFluENCE – Physics Based Battery Modelling</i>	Grietus Mulder InFluENCE EC Project
12:00 – 12:30	<i>Microelectrochemical in situ observation of battery electrodes</i>	Gunther Wittstock Carl von Ossietzky University of Oldenburg
12:30 – 13:40 Group Photograph followed by Lunch		
13:40 – 14:10	<i>SEI characterization and failure mechanism of Si electrodes in full Li-ion cells</i>	Lucille Quazuguel BACCARA EC Project
14:10 – 14:30	<i>When Interfaces go Wrong: Challenges in the Remote Monitoring of Grid Connected LTO Batteries</i>	Prof Peter Hall University of Sheffield
14:30 – 14:50	<i>Fiber Bragg grating sensors for real time cell control</i>	Joao Pinto University of Aveiro
14:50 – 15:10	<i>Johnson Matthey - From Energy Materials to Energy Storage Systems</i>	Allan Patterson Johnson Matthew Battery Systems
15:10 – 15:30	<i>Energy Storage at IBERDROLA</i>	Andres Gomez Navarro Iberdrola Ingenieria
15:30 – 16:00 Coffee break and posters		
16:00 – 16:20	<i>SEI growth and depth profiling on advanced Li-ion electrodes by x-ray absorption spectroscopy</i>	Javid Rezvani University of Camerino
16:20 – 16:40	<i>Investigation of lithium metal electrodes</i>	Stephan Koch Karlsruhe Institute of Technology
16:40 – 17:00	<i>Structural and electronic properties of high-power LMO cathodes</i>	Ivan Scivetti University of Liverpool
17:00 – 17:20	<i>Electrochemical characterisations of the SEI using ferrocene/ferrocenium</i>	Minh Thu Dinh Nguyen Centre National de la Recherche Scientifique
17:20 – 17:30	Closing Remarks and Poster Prize	Laurence Hardwick SIRBATT Coordinator
17:30 – 18:00 Posters		
20:00 Workshop Dinner		

