**PROGRAMME**

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

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<th>Monday 28th September 2015</th>
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<td>a.m./p.m.</td>
<td>Arrivals</td>
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| 08:30 – 09:00 | Registration and posters | Laurence Hardwick  
SIRBATT Coordinator |
| 09:00 – 09:10 | Introduction, aims, programme | Laurence Hardwick  
SIRBATT Coordinator |
| 09:10 – 10:00 | Interfaces and Interphases in Silicon Anodes for Li-ion batteries | Key Note: Professor Kristina Edstrom  
Uppsala University |
| 10:00 – 10:30 | Near-field techniques for the diagnosis of Li-ion batteries | Ivan T Lucas  
UPMC University Paris |
| 10:30 – 11:00 | In situ Gas Analysis for rechargeable Lithium Batteries | Erik Berg  
Paul Scherrer Institut |
| 11:00 – 11:30 | Coffee Break and posters | Grietus Mulder  
InFluENCE EC Project |
| 11:30 – 12:00 | InFluENCE – Physics Based Battery Modelling | Grietus Mulder  
InFluENCE EC Project |
| 12:00 – 12:30 | Microelectrochemical in situ observation of battery electrodes | Gunther Wittstock  
Carl von Ossietzky University of Oldenburg |
| 12:30 – 13:40 | Group Photograph followed by Lunch | |}

| 13:40 – 14:10 | SEI characterization and failure mechanism of Si electrodes in full Li-ion cells | Lucille Quazuguel  
BACCARA EC Project |
| 14:10 – 14:30 | When Interfaces go Wrong: Challenges in the Remote Monitoring of Grid Connected LTO Batteries | Prof Peter Hall  
University of Sheffield |
| 14:30 – 14:50 | Fiber Bragg grating sensors for real time cell control | Joao Pinto  
University of Aveiro |
| 14:50 – 15:10 | Johnson Matthey - From Energy Materials to Energy Storage Systems | Allan Patterson  
Johnson Matthew Battery Systems |
| 15:10 – 15:30 | Energy Storage at IBERDROLA | Andres Gomez Navarro  
Iberdrola Ingenieria |

| 15:30 – 16:00 | Coffee break and posters |  |
|----------------------------|---------------------------------|
| 16:00 – 16:20 | SEI growth and depth profiling on advanced Li-ion electrodes by x-ray absorption spectroscopy | Javid Rezvani  
University of Camerino |
| 16:20 – 16:40 | Investigation of lithium metal electrodes | Stephan Koch  
Karlsruhe Institute of Technology |
| 16:40 – 17:00 | Structural and electronic properties of high-power LMO cathodes | Ivan Scivetti  
University of Liverpool |
| 17:00 – 17:20 | Electrochemical characterisations of the SEI using ferrocene/ferrocenium | 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 |  |

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