

ISIS Muon User Meeting

Wednesday December 15th, 2021

Venue: Pickavance Lecture Theatre, RAL

(Speakers should allow time for discussion within their allotted time)

10:00 Coffee

- 10:15 'Welcome' TBC
- 10:20 'News from the Facility' Chair: TBC
Adrian Hillier
- 10:50 'Muon Impact Brochure'
Sara Fletcher / Mark Telling
- 11:00 'Super-MuSR – Plans and progress'
Peter Baker
- 11:30 'Future detector technologies and DAE for μ SR'
Dan Pooley
- 12:00 'RIKEN-RAL – Refurbishment and future operation'
Adam Berlie

12:30 Lunch

- 13:30 'Scientific Computing for Muons' Chair: TBC
Simone Sturniolo / Leandro Liborio
- 14:00 Data Analysis Software
'The Mantid Project' (Anthony Lim)
'Data analysis for negative muon experiments' (George Gill / Francis Pratt)
- 14:30 Other news from the facility
new sample environment equipment (Steve Cottrell);
muon data formats (Steve Cottrell);
HIFI update – Magnet and Software (James Lord);
EMU positron degrader – (Leo Collins / Koji Yokoyama);
opportunities for light stimulation experiments (Koji Yokoyama);
in-situ measurements (Adam Berlie);
e-Learning for muons (Madeleine McRoberts / Peter Baker)

15:00 Coffee

- 15:00 Discussion Chairs: TBC
- 15:30 Early Career Presentations Chair: TBC
(Include presentations from undergraduate and postgraduate students sponsored by ISIS, and other students interested in taking part)
- 16:30 Close