Staff news

We are very happy to welcome two new placement students. Matei Pascariu will work on the Raman set-up and Rachel Rushworth will work with the *in-situ* calorimeter for IRIS. We say thank you and goodbye to Gui Pereira and Ratislav Turanyi. Welcome also to Maciej Bartowiak who will work on MDANSE.

User Group Representatives

Maria Paula Marques from the Univ. Coimbra, Portugal, is your new user group representative and joins Alexander O'Malley (Bath University, UK).
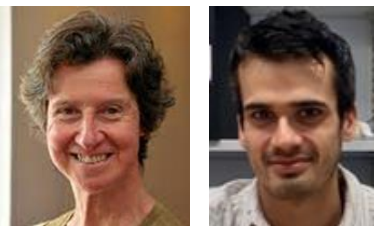
Alex is also this year's recipient of the BTM Willis Prize 2022. Congratulations!!

Data Analysis & Software

Mantid 6.5 will be available soon to download. New scripts are available for diffraction data on OSIRIS, multiple scattering corrections, and additional functions for convolution fitting of S(Q,E) in the Data Analysis interface. Questions or suggestions welcome at the Mantid Forum. A new algorithm, abINS2D, is now available from Mantid 6.4 for calculating INS spectrum for direct geometry instruments at ISIS (MAPS, MARI) and ILL (PANTHER). The up to date version of the MDANSE code is available for download here. A Users guide to use the code is also available now. A new release based on python 3.0 will be available soon. The course materials of the MDANSE course are available here.

Forthcoming Events

- 10th-11th November NSG-ECM 2022, Cosener's House Abingdon
- ECNS 20th -23rd March 2023, Garching, Germany
- RSC Faraday Joint Interest Group Conference 3rd -5th April 2023, Sheffield
- 2023 UK Neutron & Muon Science and User Meeting, 19th-21st April, 2023, University of Warwick
- Neutron Scattering Gordon Research Seminar, 24th-25th June, 2023, California, USA
- Neutron Scattering Gordon Research Conference, 25th-30th June, 2023, California, USA

Please send any feedback for our group, to our User Group representatives, A O'Malley and M. P. Marques.

Further Information: Molecular Spectroscopy Homepage IRIS-LET-MAPS-OSIRIS-TOSCA-VESUVIO

TS1 Neutrons

The third cycle with the new LINAC tank 4 is currently underway on TS2. Progress of work on TS1 is on track and the new target is now in place (see ISIS website). We are looking forward to commissioning and welcoming our first users later in the year.

Instrument Updates

TOSCA's secondary upgrade project is progressing well. An international review has held in May and the design was approved. As part of the Endeavour instrument programme portfolio, it is en route to receiving funding approval.

Work on building the case for SHERPA, a dedicated polarised backscattering spectrometer, is ongoing. We are looking for scientific case studies, so let Ian know!

Science Highlights

Editor: Mona Sarter