

The Future and Next Generation Capabilities of Accelerator Driven Neutron and Muon Sources

Agenda for one day workshop to be held on Tuesday 14th August 2018
in the Pickavance Lecture Theatre at RAL.

09:30	Welcome Reception	20	
Session 1	ISIS-II and Next Generation Capabilities Chair – Zoë Bowden		
09:50	Opening Remarks	10	John Thomason & Felix Fernandez-Alonso
10:00	The ISIS-II Roadmap	25	John Thomason
10:25	The European Spallation Source	25	Ciprian Plostinar
10:50	SNS Proton Power Upgrade and Second Target Station	25	Mike Plum
11:15	Coffee Break	15	
11:30	The ISIS TS-1 Project	25	Philip King
11:55	Compact Neutron Sources in Europe	25	Alain Menelle
12:20	China Spallation Neutron Source Commissioning	25	John Thomason
12:45	Lunch	75	
13:00	Tours of the ISIS Synchrotron	60	
Session 2	21st Century Needs and Opportunities in Neutrons and Muons Chair – Fabrizia Foglia		
14:00	Future Science at ISIS	30	Jeff Penfold
14:30	Optimisation Opportunities – ‘Be the Best’	25	Rob Dalgliesh
14:55	Drugs, Bugs, Neutrons	25	David Barlow
15:20	Coffee/Tea Break	20	
15:40	Deuteration, Today, Tomorrow, C22	25	Sarah Youngs
16:05	Studying 21 st Century Magnetic Materials using Muons and Neutrons.	25	Lucy Clark
16:30	How Neutrons Benefit Next Generation Battery Systems	25	Steve Hull
16:55	Closing Remarks and Feedback	20	John Thomason & Felix Fernandez-Alonso
17:15	Close		