

UK Neutron and Muon Science and User Meeting 2019 - Scarman House and The Slate, Warwick

Monday 29th April — Student Day (for students using neutrons or muons in their research)	
11:00	Registration — reception area at Scarman House
12:00	Lunch — Lakeview Restaurant
13:00	Welcome and overview — <i>Dr Philip King</i>
13:10	<p><u>Session I: Group Talks</u> <i>Chair: Fin Allen</i></p> <p>Crystallography — <i>Dr Christopher Ridley</i></p> <p>Spectroscopy — <i>Dr Jeff Armstrong</i></p> <p>Excitations and polarisation — <i>Dr Russell Ewings</i></p> <p>Disordered materials — <i>Dr Silvia Imberti</i></p>
14:10	<i>Short Break</i>
14:25	<p><u>Session I: Student Talks</u> <i>Chair: Rebecca Clulow</i></p> <p>'Toxic gas interactions in a robust metal-organic framework' — <i>Lydia Briggs, Manchester</i></p> <p>'Long and short range magnetic order in Ba₂MnWO₆' — <i>Heather Mutch, Sheffield</i></p> <p>'Reversing the negative thermal expansion in 1D cyanides' — <i>Stella d'Ambrumenil, ILL</i></p> <p>'Evaluation of residual stresses induced by cold spraying of Ti-6Al-4V' — <i>Dibakor Boruah, Coventry</i></p>
15:25	<i>Group photograph</i>
15:30	<i>Coffee — Coffee Lounge</i>
15:55	<p><u>Session II: Group Talks</u> <i>Chair: Terri-Louise Hughes</i></p> <p>Muons — <i>Dr Koji Yokoyama</i></p> <p>Large scale structures (SANS and NR) — <i>Dr Adam Washington</i></p> <p>Engineering and industry — <i>Dr Joe Kelleher</i></p> <p>ILL support laboratories — <i>Dr Yuri Gerelli</i></p>
16:55	<i>Short Break</i>
17:10	<p><u>Session II: Student Talks</u> <i>Chair: Christopher Marsh</i></p> <p>'Small molecule segregation in thin poly(vinyl alcohol) films' — <i>Rebecca Fong, Durham</i></p> <p>'Magnetic and structural influences of layer inversion in Pt/Co₃₂Fe₃₂Ta₂₀B₁₆/Ir trilayers from PNR studies' — <i>Ben Nicholson, Durham</i></p> <p>'Structural determination studies of wild type HIV-1 subtype C integrase and drug resistant mutant strains using SANS and crystallographic studies' — <i>Eszter Lodinsky, ILL</i></p> <p>'Detecting unconventional superconductivity using muons' — <i>Daniel Mayoh, Warwick</i></p>
18:10	<i>Free time</i>
19:00-21:00	Student Dinner — Courtyard