

Timetable for International Advanced School on Muon Spectroscopy
Daytime lectures and talks in CR12/CR13 (R68)
Workshops in the Visitor Centre (R112)

	Wednesday, 14th Aug	Thursday, 15th Aug	Friday, 16th Aug	Saturday, 17th Aug	Sunday, 18th Aug	Monday, 19th Aug	Tuesday, 20th Aug	Wednesday, 21st Aug	Thursday, 22nd Aug
09:00		Perspectives of the muon (Francis Pratt)	Relaxation functions 1 (Pierre Dalmas)	Relaxation functions 2 (Pierre Dalmas)	<p>Free day</p> <p>A shuttle bus to Oxford is available: Departs 09:30 Ridgeway House Returns 17:00 from Oxford (Tappins Coaches)</p>	Muon instrumentation 1, 2 (Alex Amato, Adam Berlie)	Semiconductors 2 (Rui Vilao)	LEM, thin films & interfaces 1 (Andreas Suter)	Magnetic resonance & muons: NMR, ESR, NQR, β -NMR (Pietro Carretta)
09:50		Making muons (Peter Baker)	Magnetism 1: static (Tom Lancaster)	Chemistry 1 (Iain McKenzie)		Ionic motion 1 (Martin Mansson)	Ionic motion 2 (Martin Mansson)	LEM, thin films & interfaces 2 (Andreas Suter)	Neutrons, X-rays & muons (Andrew Harrison)
10:40		TEA/COFFEE (R68)	TEA/COFFEE (R68)	TEA/COFFEE (R68)		TEA/COFFEE (R68)	TEA/COFFEE (R68)	TEA/COFFEE (R68)	TEA/COFFEE (R68)
11:10		Short introductions to the use of muons in different science areas (see below)	Quantum muon 2 (Stephen Blundell)	Chemistry 2 (Iain McKenzie)		Superconductivity 1 (Roberto De Renzi)	Superconductivity 2 (Roberto De Renzi)	Doing the Experiment (Pabitra Biswas)	Stimulation methods 2: Laser (Koji Yokoyama)
11:35			Magnetism 2: dynamic (Tom Lancaster)	Magnetism 3 (Tom Lancaster)		Semiconductors 1 (Rui Vilao)	Elemental analysis and μ SR (Adrian Hillier, Jun Sugiyama)	Case study: Reaction Kinetics (Steve Cottrell)	
12:00		LUNCH (R22 Cafeteria)	LUNCH (R22 Cafeteria)	LUNCH (Ridgeway House)		LUNCH (R22 Cafeteria)	LUNCH (R22 Cafeteria)	LUNCH (R22 Cafeteria)	LUNCH (R22 Cafeteria)
12:50		Charge states of hydrogen (James Lord)	Quantum muon 3 (Stephen Blundell)	Spin simulation with Quantum (James Lord)		Muon site 1: Experiment (Alex Amato)	Superconductivity 3 (Roberto De Renzi)	Case study: MnSi (Alex Amato/Roberto De Renzi)	Bulk techniques & muons (Pietro Carretta)
14:00				Stimulation methods 1: RF and E- field (Steve Cottrell)				Case study: Elemental superconductors (Rustem Khasanov)	
14:25		Quantum muon 1 (Stephen Blundell)	ISIS tour	Monte-Carlo methods (James Lord)		Muon site 2: Introduction to DFT methods (Leandro Liborio)	Muon site 3: DFT on molecular systems (Francis Pratt)	Case Study: Muons and DNA (Isao Watanabe)	Case Study: CeIrGe ₃ (Adroja)
14:50		TEA/COFFEE (R68)	TEA/COFFEE (R68)	TEA/COFFEE (R68)		TEA/COFFEE (R68)	TEA/COFFEE (R68)	Planning experiments & applying for beamtime (Adrian Hillier)	Student flash talks
15:15		Student flash talks (pre-school)	Tutorial/workshop (R112)	Tutorial/workshop (R112)		Tutorial/workshop (R112)	Tutorial/workshop (R112)	Tutorial/workshop (R112)	Student flash talks (post-school)
15:40			(parallel sessions)	(parallel sessions)		(parallel sessions)	(parallel sessions)	(parallel sessions)	
16:00		Closing (Pabitra Biswas/Francis Pratt)	Coach 18:30 Ridgeway House	SCHOOL DINNER (Cosener's House)		DINNER (Ridgeway House)	DINNER (Ridgeway House)	DINNER (Ridgeway House)	DINNER (Ridgeway House)
17:00									
18:00		Welcome (Ridgeway House Lounge) (Pabitra Biswas/Francis Pratt)	WELCOME DINNER (Barbecue Party at RecSoc)	DINNER (Ridgeway House)	DINNER (Ridgeway House)	DINNER (Ridgeway House)	DINNER (Ridgeway House)	DINNER (Ridgeway House)	
18:30									DINNER (Ridgeway House)
18:45		DINNER (Ridgeway House)	History of μ SR (Steve Cox) (Ridgeway House Lounge)	DINNER (Ridgeway House)	DINNER (Ridgeway House)	DINNER (Ridgeway House)	DINNER (Ridgeway House)	DINNER (Ridgeway House)	
19:00									Muography (Jon Gluyas) (Ridgeway House Lounge)
20:00									
20:50									

Short introductions to the use of muons in different science areas
 Overview of muons in Magnetism (Adam Berlie)
 Overview of muons in Superconductivity (Pabitra Biswas)
 Overview of muons in Ion Transport (Peter Baker)
 Overview of muons in Reaction Chemistry (Steve Cottrell)
 Overview of muons in Soft Matter (Mark Telling)
 Overview of muons in Semiconductors (James Lord)
 Overview of Low-energy muons (Pabitra Biswas)