Provisional Programme – iMR CDT Research Conference 2015

Tuesday 14th April			
1700-1830	*Registration*		*Millburn House*
1900-2000	*Dinner*		*Arden*
Wednesday 15th April			
Session 1			**Millburn House, A0.28**
0925-0930		Mark Newton	Welcome and Conference Opening
0930-1020	K1	Warren Warren	**Keynote lecture:** True Molecular Imaging Using Magnetic Resonance: next-generation approaches for creating, preserving, and delivering hyperpolarization in biologically interesting molecules.
1020-1040	O1	Gabriele Stevanato	Can nuclear spin order survive for hours? Symmetry, design and concept on nuclear long-lived states.
1040-1100	O2	James Ross	Accelerated Field-Cycling MRI using the Keyhole Technique
1100-1130	*Tea and Coffee*		*Film & TV Foyer*
Session 2			**Millburn House, A0.28**
1130-1220	K2	Thibault Charpentier	**Keynote lecture:** Combining Experimental and Computational Solid State NMR: A New Tool for Structure Determination of Borosilicate Glasses.
1220-1240	O3	Stephen Day	Mutlinuclear MAS and Static NMR Study of $Sr_2Sc_{2-x}Ga_xO_5$ Perovskite Fuel Cell Materials and Rare-Earth Containing GeS_2-Ga_2S_3 Calcogenide Glasses for Bright Fibre Laser Devices.
1240-1300	O4	Kelvin Goh	Spectroscopic investigation of the quantum dynamics of small molecules encapsulated inside fullerene cages
1300-1400	*Lunch*		*MR & Theatre studies Foyer*
Session 3			**Millburn House, A0.28**
1400-1450	K3	Arzhang Ardavan	**Keynote lecture:** Title TBC
1450-1510	O5	Angeliki Giannoulis	Spin ½ Transition Metal ions in PELDOR spectroscopy
1510-1530	O6	James Wilman	Electron Spin Resonance of Tuneable Magnetically Doped Colloidal Quantum Dots
1530-1600	*Tea and Coffee*		*Film & TV Foyer*
Session 4			**Millburn House, A0.28**
1600-1620	O7	Michael Stevens	Coiled Coil Domains: Long and Short Range Structure
1620-1640	O8	Johannes McKay	Accurate orientation PELDOR measurements and analysis of the Rx bi-functional spin label for protein structure refinement
1640-1730	2nd year students		Poster Flash Presentations (3 minutes each)
Poster Session 1: 1730-1845			**Millburn House, A1.28**
1900-2100	*Conference Dinner*		*Radcliffe*

Thursday 16th April			
Session 5			**Millburn House, A0.28**
0930-1020	K4	Shimon Vega	**Keynote lecture:** Multi-Nuclear Cross Effects during DNP on Static and Rotating Solids
1020-1040	O9	Daniel Wisniewski	Simulating Dynamic Nuclear Polarization using Dynamic Monte Carlo
1040-1100	O10	Ben McGeorge Henderson	First Results Using a Six Channel Spectrometer for Rapid Spectroscopy
1100-1130	*Tea and Coffee*		*Film & TV Foyer*
Session 6			**Millburn House, A0.28**
1130-1220	K5	Simon Duckett	**Keynote lecture:** Using *para*hydrogen to sensitise MR detection
1220-1240	O11	Graeme Finch	Transmission Line Probe for In-situ NMR Spectroscopy of Lab-on-a-Chip Devices.
1240-1300	O12	Ed Breeds	A Novel Technique to achieve Enhanced Liquid State NMR Spectroscopy using Temperature-Jump DNP
1300-1400	*Lunch*		*MR & Theatre studies Foyer*
Session 7			**Millburn House, A0.28**
1400-1450	K6	Steven Brown	**Keynote lecture:** Applications of High-Field Solid-State NMR
1450-1510	O13	Zenawi Welderufael	Exchange processes in biologically important systems
1510-1530	O14	Anton Tcholakov	Applying modern software engineering techniques to instrument control software.
1530-1600	*Tea and Coffee*		*Film & TV Foyer*
Session 8			**Millburn House, A0.28**
1600-1620	O15	Stephen Hogg	Electrically detected magnetic resonance on solar cell materials
1620-1640	O16	Mika Tamski	Quantitative Electrochemical Electron Paramagnetic Resonance – some of the problems
1640-1700	O17	Matthew Dale	Engineering spins in diamond
1700-1720	O18	Ben Breeze	Electron paramagnetic resonance, diamonds and stress
Poster Session 2: 1720-1830			**Millburn House, A1.28**
DEPARTURE			