EFEPR2025 | EFEPR | MANCHESTER 1824 | 10th EFEPR Summer School Manchester, 31st Aug – 6th Sept 2025

Programme

Sunday 31 /08	Monday 1/09	Tuesday 2/09	Wednesday 3/09	Thursday 4/09		Friday 5/09	Saturday 6/09
	09.00 **Lecture 1:** Basics of electron spin and cw EPR Klose **10.00** **Lecture 2:** Intro to the spin Hamiltonian di Valentin	**09.00** **Lecture 9:** Basics of pulsed EPR Garcia-Rubio **10.00** **Lecture 10:** s-H: time dependent Schrodinger, density matrix Timmel	**09.00** **Lecture 16:** Pulsed Dipolar Spectroscopy Theory and DEER/PELDOR Bordignon **10.00** **Lecture 17:** Dipolar modelling Lovett	**09.00** **Workshop 1**	**09.00** **Demonstration 1** **10.00** **Demonstration 2**	**09.00** **Lecture 20:** AWG Pulse shaping: why and how Jeschke **9.45** **Lecture 21:** Biology Pliotas **10.30** **Lecture 22:** Catalysis Richards	**Departure**
	11.00 coffee	**11.00 coffee**	**11.00 coffee**	**11.00 coffee**		**11.15 coffee**	
	11.30 **Lecture 3:** Interpretation of s-H parameters McInnes **12.30** **Lecture 4:** EasySpin 1: the spin system and CW EPR Stoll	**11.30** **Lecture 11:** Relaxation: measurement & mechanisms Jeschke **12.30** **Lecture 12:** ESEEM methods Mitrikas	**11.30** **Lecture 18:** Dipolar Methods: RIDME, CIDME, SIFTER/DQC Schiemann **12.30** **Lecture 19:** Lab safety briefing. On-line demo: pulsed set up, incl. Hahn echo, $T_{1/2}$ Bowen	**11.30** **Workshop 2**	**11.30** **Demonstation 3** **12.30** **Demonstation 4**	**11.45** **Lecture 23:** QIS Ardavan **12.30** **Lecture 24:** Light-induced EPR (transient, pulsed) Richert	
	13.30 Lunch (IT Help)	**13.30 Lunch (IT Help)**	**Free time (IT Help)**	**13.30 Lunch**		**13.15 Lunch**	
	14.30 **Lecture 5:** CW instrumentation Kaminker **15.15** **Lecture 6:** Accessories to CW EPR Liao **15.45** **Lecture 7:** Multi-frequency EPR Collison	**14.30** **Lecture 13:** Pulsed ENDOR methods Bennati **15.30** **Lecture 14:** EasySpin 2: pulsed hyperfine Stoll		**14.30** **Workshop 3**	**14.30** **Demonstation 5** **15.30** **Demonstation 6**	**14.15** **Lecture 25:** Paramagnetic NMR & links to EPR Novikov **15.00** **Lecture 26:** DNP Wili **15.45** **Lecture 27:** EDMR Tait	
	16.30 Coffee	**16.30 Coffee**		**16.00 Coffee**	**16.30 Coffee**	**16.30 Coffee**	
	17.00 **Lecture 8:** Electronic structure theory of magnetic parameters Kuprov	**17.00** **Lecture 15:** Instrumentation: pulsed Kaminker		**16.30** **Workshop 4**	**17.00** **Demonstation 7**	**17:00** **Lecture 28:** Open session on publishing **17.30** Feedback session	
18.00 Welcome reception (Brewdog)	**18.00-19.00** **Group Photograph** **Dinner & posters**	**18.00-19.00** **Dinner & posters**		**18.00-19.00** **Dinner & posters**		**18.30** **Banquet and Cheerio**	