

 XVI MANUEL RICO NMR SCHOOL JACA, SPAIN · JUNE 1-6, 2025						
	Sunday 1 st	Monday 2 nd	Tuesday 3 rd	Wednesday 4 th	Thursday 5 th	Friday 6 th
09:00		Welcome	2D homonuclear NMR (M ^a Ángeles Jiménez)	O R D E S A H I K I N G	MRI (Silvia Lope)	NMR in biomedicine (Oscar Millet)
09:45		Historical perspective (Victor Pidal)				
		Fundamentals of NMR (Ralph W. Adams)	2D heteronuclear NMR (Douglas V. Laurents)		Hyperpolarization (Irene Marco)	NMR in pharma (Belén Chaves)
10:30		Hands-on session (Ralph W. Adams)	Hands-on session (Douglas V. Laurents)		Hands-on session (Silvia Lope & Irene Marco)	Coffee break
11:00		Coffee break	Coffee break		Coffee break	NMR of nucleic acids (Carlos González)
11:30		Quantum mechanics & Product operators (Tammo Diercks)	Nuclear Overhauser Effect (Jesús Angulo)		Protein NMR & Molecular interactions (Mariola Ferreras)	NMR in food analysis (Maitreyi Robledo)
12:15		Pulse sequence & Coherence selection (Borja Mateos)	Diffusion NMR (Eurico Cabrita)		NMR in glycobiology (Jesús Jiménez Barbero)	Artificial intelligence & the future of NMR (Miquel Pons)
13:00		Hands-on session (Borja Mateos)	Hands-on session (Eurico Cabrita)		Hands-on session (Mariola Ferreras)	Closing & Farewell
13:30		Lunch	Lunch		Lunch	
15:00		The NMR spectrometer (Martina Palomino)	NMR relaxation (Julia Cassani)		Navigating common artifacts in NMR spectra (Aitor Moreno)	
15:45		Radiofrequency pulses (Margarida Gairí)	NMR & periodic table (Ricardo Louro)		Solid-state NMR (Anja Böckmann)	
16:30		Workshop Option 1 – Programming (Ralph W. Adams & Laura Castañar) Option 2 – Product operators (Tammo Diercks) Option 3 – Practical aspects (Margarida Gairí & Martina Palomino)	Workshop Data processing (David Pantoja)		Workshop Option 1 – Small molecule structure elucidation (Laura Castañar) Option 2 – nD processing, protein assignment and dynamics (Gustavo Titaux & Miguel Mompeán)	
18:00	Meet & Greet Refreshments Networking	Social activities Basketball tournament Table tennis tournament Board games	Cultural visit The Citadel of Jaca & City tour		Free time	