



PROGRAM PANACEA SUMMER SCHOOL :
Fundamentals of Solid State NMR Spectroscopy for Chemists
16 - 21.06.2024
San Servolo, Venice, Italy

/	16/6 Sunday	17/6 Monday	18/6 Tuesday	19/6 Wednesday	20/6 Thursday	21/6 Friday
9:00-10:30	Arrival	Lecture 1: Quantum mechanics for NMR	Lecture 3 : Decoupling and recoupling	Lecture 5 : Instrumentation	Lecture 7: DFT calculation of NMR parameters	Lecture 9 : Hyperpolarisation (I)
10:30-11:00		Break	Break	Break	Break	Break
11:00-12:30		Lecture 2 : NMR Hamiltonians and magic-angle spinning	Lecture 4 : Quadrupoles	Lecture 6 : Relaxation	Lecture 8 : paramagnetic NMR	Lecture 10 : Hyperpolarisation (I)
12:30-14:00		Lunch	Lunch	Free time	Lunch	Departure
14:00-15:30		Tutorial 1 : group exercises	Tutorial 3 : group exercises		Tutorial 5 : group exercises	
15:30-16:00		Break	Break		Break	
16:00-17:30		Tutorial 2 : from Hamiltonians to spectra	Tutorial 4 : simulations of MAS NMR spectra		Tutorial 6 : structure calculation in lattices	
17:30-19:30		Welcome cocktail and dinner	Round tables/ Flash talks	Round tables/ Flash talks	Round tables/ Flash talks	
19:30-20:00			Break	Break	Break	
20:00			Seating-buffet dinner	Dinner downtown	Table-service dinner	