

# SPECTROCAT 2022: Provisional Program

	June-July 2022					
	Monday 27	Tuesday 28	Wednesday 29	Thursday 30	Friday 1 st	
08:45-09:45	Introduction to vibrational spectroscopy	OPERANDO 1: Introduction, techniques and Coupling	Instrumentation 2: IR Cell design	Probes for Supported metal	OPERANDO 3: Thermodynamics and kinetics of a reaction	
09:45-10:45	Probes for Acidity	Probes for basicity	Measuring Quantitatives Variables	OPERANDO 2: Mechanisms, sites and intermediates	Materials 2: Porous and microporous materials	
10:45-11:15	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	
11:15-12:15	Instrumentation 1: FTIR Spectrometer & Sampling Techniques	Catalyst characterisation by Raman spectroscopy	In situ and Operando infrared techniques for industrial research	Material 1: Oxides, supported oxides and sulfides	NMR	
12:15-13:30	Lunch break					
13:30-14:30	Spectral Analysis	Lab practice	Social Event	Lab practice / Coffee break		
14:30-17:30	Lab practice / Coffee break				Posters / Discussion Coffee break	
18:30-22:00	Cocktail / Dinner					