

International Summer School - HYDROGEN Nancy 2025 – <i>Materials & Transfer Phenomena in H2 Technologies</i>						
Day/Venue	Monday 7th (Campus Brabois)		Tuesday 8th (Campus Brabois)	Wednesday 9th (Campus FST)	Thursday 10th (Campus Brabois)	Friday 11th (Campus Brabois)
		Chair:				
		8:30 – 9:30	Fuel cell & Electrolyzer: fundamentals of electrochemistry & transfer phenomena	HYCar Project: from technical aspect of fuel cell-supercapacitors source in a car to its environment	Hydrogen production – Water electrolysis	Membrane for fuel cells/electrolyzers: state of art & issues
		9:30 – 10:30	Materials for fuel cell & electrolyzer: Industrial point of view	Visit of HY2Car Platform	Hydrogen storage	NMR/IRM Techniques for Studying Transport Phenomena in Ionomer Membranes
11:00	Reception & Registration	Coffee break				
		11:00 – 12:00	Electrode Materials		Carbon materials for H2 storage & compression: state of art & issues	Impedance Spectroscopy as tool to characterize transfer phenomena
12:00 – 13:30	Lunch Buffet	12:00 – 13:30	Lunch break			
Chair:		Chair:		City tour	Visit of LEMTA Platform & Workshop	
13:45 – 14:00	Opening Session	13:30 – 17:00	Pitch presentation			
14:00 – 15:30	FCLAB presentation					
	FRH2					
H2 Strategies (France 2030 & H2-PEPR...): issues & projects						
15:30 – 17:00	Hydrogen economy			Gala Dinner		
	Welcoming COCKTAIL					