

## Provisional Program of the 3<sup>rd</sup> Thematic School on Dielectrics 2024, Porquerolles Island, France

	Sunday 15 Sept	Monday 16 Sept	Tuesday 17 Sept	Wednesday 18 Sept	Thursday 19 Sept	Friday 20 Sept	
8.00-8.30							
8.30-9.00		-- Opening of the school --	B2. Nanocomposite polymers: structural-properties relationship (T. Andritsch, U. Southampton)	A4. Aging of (nano)composite insulation: PD resistance and lifetime (A. Cavallini, U. Bologna)	C2. Composites with improved thermal properties for thermal management (M. Kozako, KyuTech)	C4. Composite polymers for energy storage (Lecturer TBC)	
9.00-9.30		D1. Issues and challenges related to multifunctional composite insulators (M. Kozako, KyuTech)					
9.30-10.00							
10.00-10.30		Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	
10.30-11.00			A3. Modelling of dielectric phenomena at composite interfaces: nanometric and macroscopic properties (N. Quirke, Imperial College London)	C1. Nanostructured inorganic thin films for microelectronics (M.-P. Besland, U. Nantes)	C3. Functionally graded composite materials for field grading (S. Diahm, U. Toulouse)	C5. Perspectives of composite materials and sustainable development (Lecturer TBC)	
11.00-11.30		A1. Theoretical basis on materials dielectric properties (A. Cavallini, U. Bologna)					
11.30-12.00							
12.00-12.30		Lunch	Lunch	Lunch	Lunch	Lunch	
12.30-13.00							
13.00-13.30							
13.30-14.00		A2. Nanodielectric phenomena: opportunities and open questions (N. Quirke, Imperial College London)	Working groups meeting	Working groups meeting	Working groups meeting	D2. WG restitution (coordinator TBC)	
14.00-14.30	Welcome to the participants		Practical work session 1	Free afternoon (Tailored activities)	Practical work session 3	-- Closing of the school -- (Organizers)	
14.30-15.00		Coffee break					Coffee break
15.00-15.30							
15.30-16.00		B1. Synthesis and elaboration processes of (nano)composite materials (T. Andritsch, U. Southampton)	Coffee break				
16.00-16.30							
16.30-17.00		A5. Characterization methods for dielectrics I (P. Notingher, U. Montpellier)	Practical work session 2				
17.00-17.30							
17.30-18.00		B3. Characterization methods for dielectrics II (G. Teyssède, U. Toulouse)					
18.00-18.30						Posters Session / Q&A / Social Time	
18.30-19.00							
19.00-19.30	Dinner	Dinner	Dinner		Dinner		
19.30-20.00							
20.00-21.30				Dinner			

A: Electrical properties of insulators / B: Nanodielectrics & processes / C: Multifunctionality of composites / D: Materials to application.

