

# 1<sup>st</sup> Summer School TCM Friends Academy

September 29 – October 1, 2025, National Institute of Chemistry, Ljubljana, Slovenia

	Monday, September 29	Tuesday, September 30	Wednesday, October 1
8:30 – 9:00	Registration		
9:00 – 9:15	Prof. Dr. Gregor Anderluh Prof. Dr. Nataša Zabukovec Logar Opening speeches	Assoc. Prof. Dr. Henk Huinink Understanding and improving the performance of TCM composites	Dr. Andrea Frazzica Design of sorption thermal battery based on composite sorbent materials: challenges and perspectives
9:15 – 9:30	Dr. Salvatore Vasta EERA-JP introduction		
9:30 – 9:45	Dr. Alenka Ristić		
9:45 – 10:00	Introduction into TCMs		
10:00 – 10:15	Assoc. Prof. dr. Peter Weinberger TCMs for versatile thermal energy storage – from salt hydrates to oxides	Hands on	Short Oral presentations - Simulations
10:15 – 10:30			Hands on
10:30 – 10:45			
10:45 – 11:00			
11:00 – 11:15	Coffee break	Coffee break	Coffee break
11:15 – 11:30	Lab work	Prof. Dr. Nataša Zabukovec Logar Structural insights into porous adsorbents	Dr. Walter Mittelbach Adsorption chillers and storage from a market point of view – challenges and perspectives
11:30 – 11:45			
11:45 – 12:00		National Institute of Chemistry guided tour	Lunch
12:00 – 12:15			
12:15 – 12:30			
12:30 – 12:45			
12:45 – 13:00			
13:00 – 13:45		Lunch	Lunch
13:45 – 14:00	Short Oral presentations - Applications		
14:00 – 14:30			
14:30 – 14:45		Dr. Daniel Lager Thermophysical methods and properties of TCM	
14:45 – 15:00			
15:00 – 15:15			
15:15 – 15:30	Lab work	Hands on	Closing
15:30 – 15:45			
15:45 – 16:00		Coffee break	* A proper lesson about local beers that you simply must experience when in Ljubljana
16:00 – 16:15			
16:15 – 16:30	Coffee break		
16:30 – 16:45			
16:45 – 17:00	Short Oral presentations - Characterisation		
17:00 – 18:00			
18:00 – 19:00			
19:00 – 20:30	Welcome drinks	<a href="#">Union experience museum</a> *	
20:30 – 23:00		<a href="#">Dinner at Union pub</a>	