ESS-HPT 2022 "The European Summer School in High Pressure Technology" 3.7. - 17.7.2022

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		8:45 - 9:30 9:40 - 10:25		10:45 - 11:30 11:40 - 12:25		13:30 - 14:15 14:25-15:10		15:30-16:15 1	16:25 - 17:10		17:15 - 18:15	
Maribor	Sunday, 3 July 2022	Arrival Arrival Registration							18:30 Welcome Dinner			
Maribor	Monday, 4 July 2022	Opening Short Introduction of each Participant		HP Phase Equilibria - Fundamentals (Bren, Maribor/SI)	_	HP Phase Equilibria - Experimental Methods (Knez-Marevci, Maribor/SI)			Oral Presentation Students (3)		Oral Presentation Students (4)	20:00 Dinner
Maribor	Tuesday, 5 July 2022	SSI, Integrated SFE-SSI, and SSI Coupled with Chemical Reaction in Materials Design (Zizovic, Wroclaw/PL)	Coffee Break	Supercritical Fluids in Process and Product Design – From Bench Scale to Pilot Plants (Petermann, Bochum/DE)		HP Phase Equilibria - Modelling (Martin, Valladolid/ES)	offee Break	Exam (Martin, Valla			Oral Presentation Students (4)	20:00 Dinner
Maribor	Wednesday, 6 July 2022	Biorefinery by Sub/Supercritical Water (Cocero, Valladolid/ES)		Clean Energy from Wastes by SCWO (Cocero, Valladolid/ES)		Extrusion Foaming of Polymers (Sauceau, Albi/FR)			Oral Presentation Students (3)		Oral Presentation Students (4)	20:00 Dinner
Maribor	Thursday, 7 July 2022	Supercritical Fluid Extraction and Separation of Active Components from Medicinal Plants (Vagi, Budapest/HU)		Kinetics of SCF Extraction of Compounds from Plants and Microalgae (Sovova, Prague/CZ)		SCF Extraction of Solid Materials Advantages in Energy and Resource Consumption to Conventional Processes (Gamse, Graz/AT)	ŭ	Tutorials in HP of Processes for Intensiva (Gamse, Gr	r Process ation		Oral Presentation Students (4)	20:00 Dinner
Maribor	Friday, 8 July 2022	HP Particle Generation - Pros and Cons to Conventional Processes (Knez, Maribor/SI)		HP Enzymatic Processes - Advantages to Organic Solvents (Knez, Maribor/SI)		Kinetics of High Pressure Chemical Reactions including benefits (Busch, Darmstadt/DE)		Application of Pres Technology in a Proces (Busch, Darm	World Scale ss		Oral Presentation Students (4)	20:00 Dinner
Maribor	Saturday, 9 July 2022	HPCO ₂ Pasteurization and Drying of Food Products (Zambon, Padova/IT)		GEHPT Delivery of Diploma and Closing Ceremony		12:00 Guided Tour Maribor						
Maribor	Sunday, 10 July 2022			Free	e Tii	me						
Graz	Monday, 11 July 2022	Transfer to NATEX Prozesstechnologie	Design and Layout of Closure Systems and Sealings for High Pressure Vessels (Lack)	Visit of NATEX Prozesstechnologie GmbH Trans			Transfer to	o Graz	20:00 Welcome Dinner			
Graz	Tuesday, 12 July 2022	Supercritical Fluids in the Oil and Gas Industry (Székely, Budapest/HU)		Countercurrent SCF Extraction - Comparison and Pros to Conventional Processes (Zetzl, Hamburg/DE)		Innovative Supercritical Separation Processes for Energy and Resource Reduction (Zetzl, Hamburg/DE)	Coffee Break	16:30 guided (tour Graz			20:00 Dinner
Graz	Wednesday, 13 July 2022	Processing of Aerogels by Supercritical Fluid Technology and their Applications (Gurikov, Hamburg/DE)	Coffee Break	Thermodynamic Aspects of Supercritical Fluid Chromatography (Gurikov, Hamburg/DE)		Selective Chemical Conversions with Hydrogen (Müller, Bochum/DE)		Mass Transfer Li Multiphase R (Müller, Boch	Reactions		Oral Presentation Students (4)	20:00 Dinner
Graz	Thursday, 14 July 2022	How to Design High Pressure Equipment (Schlücker, Erlangen/DE)		How to Design High Pressure Equipment (Schlücker, Erlangen/DE)		Exam 2		Application of CO Food and Cosme (Grüner-Lempart,	etic Industry			20:00 Dinner
Graz	Friday, 15 July 2022	How to Design High Pressure Equipment (Schlücker, Erlangen/DE)		Hydrogen Production (Schlücker, Erlangen/DE)		Preparation Final Exam		Preparation Fi	inal Exam			20:00 Dinner
Graz	Saturday, 16 July 2022	Final Exam		Final Exam Free Time								Farewell Dinner
Graz	Sunday, 17 July 2022	ESS-HPT Delivery of Diploma, Closing Ceremony		Departure								