

ESS-HPT 2018 "The European Summer School in High Pressure Technology"											
8.7. - 22.7.2018											
		MORNING				AFTERNOON				Night session	
		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	16:25 - 17:10		
Maribor	Sunday, 8 July 2018	Arrival							19:30 Registration	20:00 Welcome Dinner	
Maribor	Monday, 9 July 2018	Opening Short Introduction of each Participant	Coffee Break	HP Phase Equilibria - Fundamentals (Bren)	Lunch Break	HP Phase Equilibria - Experimental Methods (Knez-Hrncic)	Coffee Break	Oral Presentation Students (3)	Free Time	19:30 Dinner	21:00 - 22:00 Oral Presentation Students (4)
Maribor	Tuesday, 10 July 2018	HP Phase Equilibria - Modelling (Martin)		Supercritical Water Oxidation - An Efficient and Clean Energy Production Technology from Wastes (Cocero)		HP Particle Generation - Pros and Cons to Conventional Processes (Knez)		Exam 1 (Martin)	19:30 Dinner	21:00 - 22:00 Oral Presentation Students (4)	
Maribor	Wednesday, 11 July 2018	Biomass Refining Processes Intensification by Supercritical Water (Cocero)		HP Enzymatic Processes - Advantages to Organic Solvents (Knez)		Countercurrent SCF Extraction - Comparison and Pros to Conventional Processes (Zetzi)		Innovative Supercritical Separation Processes for Energy and Resource Reduction (Zetzi)	19:30 Dinner	21:00 - 22:00 Oral Presentation Students (4)	
Maribor	Thursday, 12 July 2018	New Challenges in Polymer Foaming Using an Extrusion Process Assisted by Supercritical Carbon Dioxide (Fages)		Thermodynamic Aspects of Supercritical Fluid Chromatography (Gurikov)		SFE and SFC in quantitative chemical analysis (Turner)		Visit of HP Facilities University Maribor	Free Time	19:30 Dinner	21:00 - 22:00 Oral Presentation Students (4)
Maribor	Friday, 13 July 2018	Processing of Aerogels by Supercritical Fluid Technology and their Applications (Gurikov)		HP Extraction and Separation of Pharmaceutical Plants (Székely)		HP Production of Chiral Compounds (Székely)		Exam 2	19:30 Dinner		
Maribor	Saturday, 14 July 2018	Kinetics of High Pressure Chemical Reactions including benefits (Busch)		Application of Pressure and SCF Technology in a World Scale Process (Busch)		Free Time		Free Time			
Maribor	Sunday, 15 July 2018	Free Time									
Graz	Monday, 16 July 2018	Transfer to NATEX Prozesstechnologie	Design and Layout of Closure Systems and Sealings for High Pressure Vessels (Lack)	Visit of NATEX Prozesstechnologie GmbH	Transfer to Graz	Social Programme					
Graz	Tuesday, 17 July 2018	Food Under Pressure (Schaschke)	Coffee Break	Viscosity Measurement of Fluids at High Pressure (Schaschke)	Lunch Break	Supercritical Fluids in Process and Product Design – From Bench Scale to Pilot Plants (Petermann)	Coffee Break	guided tour Graz			
Graz	Wednesday, 18 July 2018	Kinetics of SCF Extraction of Oil and Carotenoids from Microalgae (Sovova)		SSI and Integrated SFE-SSI Process in Design of Added Value Materials (Zizovic)		HP Nanomaterial Processing (Erkey)		Exam 3			
Graz	Thursday, 19 July 2018	How to Design High Pressure Equipment (Schlücker)		How to Design High Pressure Equipment (Schlücker)		SCF Extraction of Solid Materials - Advantages in Energy and Resource Consumption to Conventional Processes (Gamse)		Tutorials in HP Separation Processes for Process Intensification (Gamse)			
Graz	Friday, 20 July 2018	How to Design High Pressure Equipment (Schlücker)		Preparation Final Exam		Preparation Final Exam		Free Time			
Graz	Saturday, 21 July 2018	Final Exam	Final Exam	Free Time			Farewell Dinner				
Graz	Sunday, 22 July 2018	Delivery of Diploma, Closing Ceremony	Departure								