

## Scientific program

Location: Main building of the Budapest University of Technology and Economics, 1st floor XI. Műegyetem rkp 3, Budapest, Hungary

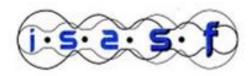




Silver sponsors:

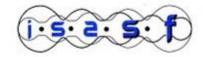






international society for the advancement of supercritical fiulds





international society for the advancement of supercritical fluids

## Meet the exhibitors during the conference













ABL<sup>&</sup>E Group Laboratory Equipment

**On Monday** 

Each day

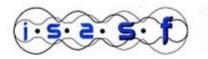
**On Tuesday** 





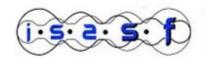
	May 21, Sunday, 16:00-21:00 Registration				
	May 21, Sunday, 18:00-21:00 Welcome reception (included in all registrations)				
	Mar 2	2, Monday, 8:30-09:00 Opening and welcome			
		y 22, Monday, 0:30–03:00 Opening and welcome y 22, Monday, 9:00–10:00 Plenary session 1.			
Prof. I	DrIng. Manfred Renner (Institute Director Fraunhofer U		nd Challenge for New Products and Processes		
		Parallel sessions 1			
May 22, Monday Location:	Representation Hall	Professors' Club	Pécsi Eszter Room		
LOCACIÓN:	Technology	Ultrahigh pressure and fluid properties	Novel Materials		
10:30-11:00	J. Kremer: From laboratory to industry - Scale-up considerations for supercritical fluid processes (Appl1)	Ž. Knez: Design of Ultra High Pressure Processes (FP1)	A. O'Sullivan: Pharmaceutical Cocrystal Solid-State and Particle Size Control Using Supercritical CO2-Assisted Nano-Spray Drying (NovMat1)		
11:00-11:20	B. Legros: Supercritical CO <sub>2</sub> purification of recycled polyolefin to be use back as food grade packaging at industrial scale (Appl2)	M.H.H. Fechter: A microfluidic device for the determination of thermophysical properties at elevated pressure and temperature (FP2)	M. Champeau: Supercritical impregnation of polycarbonate and poly(L-lactic acid) with clove extract: effect of operational conditions on the loading and composition (NovMat2)		
11:20-11:40	XQ. Bao: Supercritical Fluid Simulated Moving Bed Chromatography and Its Industrial Application in Separating Eicosapentaenoic Acid Ethyl Ester from Fish Oil (Appl3)	JS. Schaefer: Determination of diffusion coefficients as a function of the composition of binary mixtures of CO <sub>2</sub> and organic solvent (FP3)	R. Worsley: Towards the Continuous Production of Functional Nanomaterial Inks for 3D-Printed Electronics Using Supercritical Water (NovMat3)		
11:40-12:00	M. V. Fernandez Cid: Commercialization and Scale-up of cannabinoids processed with Supercritical carbon dioxide (Appl4)	M. Dorn: Electrical conductivity and CO <sub>2</sub> solubility of organic electrolytes for high pressure CO <sub>2</sub> reduction (FP4)	Z. Novak: Manufacturing of dual porous interconnected biopolymer-based scaffolds for bone implants (NovMat4)		





Parallel sessions 2					
May 22, Monda	May 22, Monday				
Location:	Representation Hall	Professors' Club	Pécsi Eszter Room		
	Technology	Fluid phase equilibria	Novel Materials		
13:00-13:30	G.F. Woerlee: Textile dyeing with Supercritical carbon dioxide and its other possibilities (Appl5)	M. Kőrösi: Experimental determination methods of high- pressure phase equilibria (FP5)	L. Padrela: Continuous production of directly compressible drug nanoparticles using CO2-assisted spray coating (NovMat5)		
13:30-13:50	E. Santos: Effect of packing material on liquid hold-up during countercurrent fractionation of a lipid mixture using supercritical carbon dioxide (Appl6)	D. Arany: Development of an automatic method for measuring melting point under carbon dioxide pressure (FP6)	F. Carrascosa: Reinforcement PLGA-based scaffolds foaming via supercritical CO2 (NovMat6)		
13:50-14:10	C. Cejudo: Study of the impregnation mode to load bioactive compounds from red grape pomace into PLA filaments (Appl7)	N. Piche: Dissolution behaviour of lubricating oils in liquid and supercritical CO <sub>2</sub> (FP7)	D. Valor: Impregnation of bimetallic Ce-Ti particles on a polymeric PCL scaffold using supercritical CO <sub>2</sub> (NovMat7)		
14:10-14:30	K. Fuchs: Accelerated carbonation of construction materials by using slag from steel and metal production as substitute for conventional raw materials (Appl8)	A. Fabien: Supercritical Carbon Dioxide Fractionation: Case Study for Ethanol-Water Mixtures (FP8)	Z. Han: Physicochemical properties of MoS2 nanosheets under different conditions in SCCO2 exfoliation processing (NovMat8)		

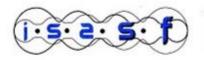




Parallel sessions 3					
May 22, Monday	May 22, Monday				
Location:	n: Representation Hall Professors' Club		Pécsi Eszter Room		
	Application-oriented	Green chemistry	Novel Materials		
15:00-15:30	E. Badens: Supercritical Sterilization of Implantable Medical Devices: From Laboratory Scale to Industry (Appl9)	E. Lester: Self Optimizing Supercritical Flow Reactors (GreenChem1)	G. Della Porta: Microfluidic Technology and Supercritical Fluid: A New Challenge for Drug Delivery Formulation ((NovMat9)		
15:30-15:50	P. Trucillo: Production of PCL foams loaded with karkadè extracted by the Naviglio technique (Appl10)	C. Erkey: Selective Synthesis of Cu Species in Zeolites via Supercritical Ion Exchange (GreenChem2)	L. Baldino: Niosomes: The new generation of vesicles for drug delivery (NovMat10)		
15:50-16:10	E. Cruz: New polymeric membranes for the encapsulation of lavender supercritical CO2 extracts for biomedical applications (Appl11)	T. Tomai: Hydrothermal electrochemical reduction for carbon circulation (GreenChem3)	A. Dandre: Novel acetylacetonate precursors-based synthesis of Strontium Titanate nanoparticles in supercritical water/ethanol mixture (NovMat11)		
16:10-16:30	A. Gombert: Extraction of Madder root dyes : Comparison of processes (maceration, ultrasound, sc-CO <sub>2</sub> ) and optimisation of sc-CO <sub>2</sub> extraction (Appl12)	M. Prokein: Development of a zero-gap electrolyser for the continuous electrochemical conversion of dense carbon dioxide to value-added products (GreenChem3)	A. Borrás: Hierarchical porosity composite aerogels of MOFs and graphene oxide (NovMat12)		
16:30-16:50	O. Ciftci: Development of novel high bioavailability curcumin formulation using nanoporous starch bioaerogels (Appl13)	L. Roach: Machine Learning in Supercritical Fluids Research (GreenChem4)	L. De Marco: Production of corticosteroid/cyclodextrin inclusion complexes through supercritical assisted atomization (NovMat13)		

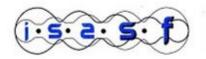
May 22, Monday, 17:00-18:00 General meeting of ISASF
May 22, Monday, 18:30- Guided sightseeing (included in all registrations)





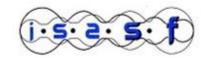
	May 23, Tuesday, 8:30-9:30 Plenary session 2. Prof. Jaehoon Kim (Sungkyunkwan University, South Korea): Role of sub- and supercritical solvents for biomass conversion				
		Parallel sessions 4			
May 23, Tuesda					
Location:	Representation Hall Application-oriented	Professors' Club Nature-based solutions	Pécsi Eszter Room Novel materials		
9:30-10:00	Y. Zhao: Continuous countercurrent supercritical CO <sub>2</sub> technique: several cases of practical applications in terms of pilot and industrial scale production (Appl14)	J.W. King: Ultra-high pressure SFE: Optimization and industrial application (NBS1)	C. Aymonier: Nucleation & growth in supercritical fluids: from fundamentals to advanced materials ((NovMat14)		
10:00-10:20	L. Guillouzo: Lipsticks become green! (Appl15)	E. Trigueros: Subcritical Water and Conventional Extraction of Phenolic compounds from Onion Skin Waste: Implications in Diabetes Disease (NBS2)	S. Nandi: Continuous production of itraconazole injectable nanosuspensions by an integrated supercritical CO2 assisted spray drying process (NovMat15)		
10:20-10:40	E. Tejedor-Calvo: The use of SFE and PLE to revalorize low-quality black truffle (Tuber melanosporum) (Appl16)	G. Direur: Antibacterial functionalization of implantable medical textiles: The potential of supercritical CO <sub>2</sub> (NBS3)	A. Rosado: Supercritical CO <sub>2</sub> processing of CaSyr-1 bioMOF for developing a potential drug delivery system with intriguing triple bioactivity (NovMat16)		
10:40-11:00	E. Yemisken: Extraction of Marine Collagen Derivatives from <i>Hoplostethus mediterraneus</i> Cuvier, 1829 Using a Pressurized Water – CO <sub>2</sub> System (Appl17)	D.G.F. Guajardo-Flores: Nutricosmetic potential of avocado Persea Americana industrial waste extracts obtained with supercritical CO2 (NBS4)	M. Kubovics: scCO2 assisted metal loading on Fe(BTC) semiamorphous MOF: application in catalytic CO2 hydrogenation (NovMat17)		





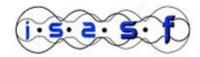
	Parallel sessions 5 May 23, Tuesday				
May 23, Tuesd					
Location:	Representation Hall	Professors' Club	Pécsi Eszter Room		
	Application-oriented	Waste valorization	Nature-based solutions		
11:30-12:00	E. Kiran: Temperature Scaling for Rational Selection of Polymer Foaming Conditions with Supercritical Fluids as Physical Blowing Agents (Appl18)	M.J. Cocero: The role of supercritical water in the valorization of polyesters wastes (Waste1)	E. Ibanez: NADEs as promising solvents in high-pressure extraction (PLE) of bioactives from avocado residues (NovMat18)		
12:00-12:20	P. Belmonte: Synthesis and supercritical CO <sub>2</sub> foaming of thermoplastic polythiourethanes with different hard segment content. (Appl19)	Q. Zheng: Simultaneous material and chemical recycling of PET/PE multi-layer film using a semi-batch hydrothermal system (Waste2)	M. Yavuz-Düzgün: Investigation on black carrot extract loaded potato protein particle formation by PGSS-drying (NovMat19)		
12:20-12:40	E. Poque: Biohybrid materials decellurization through supercritical CO2 process (Appl20)	J. Béri: Semi-continuous hydrothermal hydrolysis of poli(bisphenol A carbonate) to bisphenol A monomer (Waste3)	A. T. Getachew: Supercritical CO <sub>2</sub> for efficient extraction of high-quality starfish ( <i>Asterias amurensis</i> ) oil (NovMat20)		
12:40-13:00	J.A. Villamil Jiménez: Foaming of PLA biocomposites by supercritical CO <sub>2</sub> assisted extrusion process (Appl21)	C. Dilek: Depolymerization of Polylactic Acid in Supercritical Carbon Dioxide (Waste4)	T. Moreno: Extraction of Lipids and Phospholipids from Marine Biomasses using Subcritical and Supercritical Fluids (NovMat21)		





Parallel sessions 6					
May 23, Tuesda	May 23, Tuesday				
Location:	Representation Hall	Professors' Club	Pécsi Eszter Room		
	Energy	Waste valorization	Novel materials		
14:00-14:20	T. Huddle: Flow visualisation technique for optimisation of continuous-flow hydrothermal reactor design (En1)	J. Vauloup: Strategic metals extraction from LIBs cathode materials by supercritical CO <sub>2</sub> assisted by functional copolymers as CO <sub>2</sub> -philic complexing agents (Waste5)	L. Avédikian: Control of the nano-phased NiO-YSZ microstructure using supercritical CO2 synthesis (NovMat22)		
14:20-14:40	S. Daniarta: Thermodynamic efficiency of transcritical power cycle (En2)	N. Zachmann: Development of a Sub- and Supercritical Carbon Dioxide Extraction Process for the Selective Recovery of the Electrolyte from spent Li-Ion Batteries (Waste6)	O. P. Konuk: Maleic Acid Crosslinked Sodium Carboxymethyl Cellulose Aerogels for Sustainable and Bio-Based Thermal Insulation Applications (NovMat23)		
14:40-15:00	Y. Nakayasu: Enhancement of Organic Redox Supercapacitor by supercritical CO2 impregnation of quinones (En3)	N. Hayagan: Direct recycling of Li-ion battery positive electrodes assisted by supercritical CO <sub>2</sub> (Waste7)	I. Lázár: Production of aerogels containing gold nanoparticles using sol-gel technology and supercritical drying for catalytic applications (NovMat24)		
15:00-15:20	L. Schaul: The effect of acoustic wave propagation on heat conduction near the critical point – a numerical study of piston effect (En4)	Y. Deng: Recycling of strategic metals from WEEE in supercritical CO <sub>2</sub> (Waste8)	S. Nandi: Novel polymorphs of Doxycycline monohydrate produced by ultrasonication-enhanced antisolvent recrystallization process using supercritical CO <sub>2</sub> (NovMat25)		
15:20-15:40	A.R. Imre: A novel supercritical fluid based thermodynamic cycle for the utilization of heat sources with small heat flux (En5)	M. Watanabe: Metal recovery of LiMn <sub>2</sub> O <sub>4</sub> -based spent lithium-ion battery cathode material using hydrothermal leaching with organic acids and precipitation separation (Waste9)	T. Adschiri: Synthesis of single nm size CeO₂ by supercritical hydrothermal (NovMat26)		
15:40-16:00	A. Kiss: The current results of ECC-SMART project: different analysis on the Supercritical Water-cooled Small Modular Nuclear Rector (En6)	V. Leontijevic: Upcycling of Tomato Peel residues by supercritical water hydrolysis (Waste9)	C. Harscoat-Schiavo: Cocrystallization of Naproxen and Bipyridine assisted by supercritical CO <sub>2</sub> . CO <sub>2</sub> solvent or CO <sub>2</sub> antisolvent, what is the best process? (NovMat27)		





May 23, Tuesday, 16:00–17:30 Poster session, best poster competition					
	S. Milovanovic: Influence of supercritical carbon dioxide extraction process	M. Tyrka: Cellulose Acetate Films and Starch Aerogels as Usnic Acid Carriers (Post25)			
	temperature and co-solvent addition on the quality of green tea leaves extracts (Post01)	M. Tyrka: Supercritical Impregnation of Potato Starch Aerogels with Carnosic Acid (Post26)			
	S. Milovanovic: Selection of process conditions for the integrated process of supercritical CO <sub>2</sub> extraction from green tea leaves and impregnation onto polymer films (PostO2)	S. Mottola: Supercritical CO $_{\rm 2}$ impregnation of caffeine in biopolymer films to produce anti-cellulite patches (Post27)			
	YR. Shin: Valorization of Skipjack Tuna ( <i>Katsuwonus pelamis</i> ) By-Products Using	M. Pantić: Chitosan-PCL scaffolds for biomedical applications (Post28)			
	Supercritical CO2 Extraction (PostO3)	G. Horvat: Formulation of biopolymer-based aerogels for wound healing applications			
	A. Gavarić: Application of supercritical fluid extraction and conventional extraction	(Post29)			
	techniques for isolation of bioactives from <i>Marrubium peregrinum</i> (Post04) G. Romero: Effect of supercritical CO <sub>2</sub> extraction to obtain c-phycocyanin from	I. Stambouli: Depolymerization of organosolv lignin in a supercritical $CO_2$ -ethanol system (Post30)			
		M. Irgolič: Multistage hydrothermal degradation of multilayer packaging waste in sub-			
	J. Park: Phospholipids from conger eel byproducts using supercritical carbon dioxide: Lipidomic profiles and quality evaluation (Post06)	and supercritical water (Post31)			
	L. Jūrienė: Biorefining of <i>Tagetes patula</i> flowers by high pressure extraction methods (Post07)	A. Bermejo López: Lactic production acid from biomass-derived sugars using acid or basic catalysts (Post32)			
16:00-17:30	L. Jūrienė: Extraction and fractionation of lipophilic components from black chokeberry ( <i>Aronia melanocarpa</i> L.) pomace with supercritical CO <sub>2</sub> (Post08)	L. Castro: Hydrolysis with subcritical water of the agroindustrial byproduct of jabuticaba for the production of hydrolyzate rich in fermented sugars (Post33)			
		L. Castro: New integrated method for producing must rich in fermentable sugars from			
	L. Jūrienė: Recovery of valuable lipophilic components from mechanically separated	açaí seed (Post34)			
	sour cherry pomace fractions by supercritical $CO_2$ extraction (PostO9)	P. Lotz: Controlled release of flavour filled yeast capsules produced by a $scCO_2$ assisted			
	B. Pavlić: Supercritical fluid extraction of wild thyme:	spraying process (Post35)			
	Experiments and mass-transfer based models (Post10)	G. Piel: Supercritical CO2 for the production and sterilization of liposomes in a one-step			
	L. Calvo: Microbial load of the hemp and of the cannabinoid rich extracts after supercritical and ethanolic extraction. Importance of the hemp moisture (Post11)	process (Post36)			
		N. Penoy: The use of supercritical CO <sub>2</sub> to develop liposomes encapsulating active pharmaceutical ingredients for pulmonary administration (Post37)			
	M. Stamenic: Optimization of <i>Cannabis sativa</i> supercritical CO2 extraction using Design				
	of experiments approach (Post12)	M. Baassiri: CFD Modelling of Supercritical CO <sub>2</sub> -assisted Spray Drying for Pharmaceutical Manufacturing Applications (Post38)			
	M. Stamenić: Supercritical fluid extraction from dandelion seeds (Post13)	A. Fehér: Analytical evaluation of non-Fourier heat pulse experiments on room			
	P. Trucillo: Comparison of Supercritical Assisted and Rapid Solid Liquid Dynamic (RSLDE) Techniques for the Extraction of Active Principles from Hops and	temperature (Post39)			
	Chrysanthemum (Post14)	M. Champeau: Solubility of aspirin, ketoprofen and R-(-)-carvone in supercritical CO2 in binary, ternary and quaternary systems: Effect of co-solutes (Post40)			



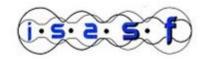
## 19<sup>th</sup> European Meeting on Supercritical Fluids Budapest, May 21-24, 2023



YN. Shin: Subcritical Water Extraction of <i>Saccharina japonica</i> Root: A Promising Source of Natural Glycemic Inhibitors for Postprandial Blood Sugar Control (Post15)	D. Rhee: Melting and Crystallization Temperatures of poly(ε-caprolactone) in Carbon Dioxide and Nitrogen as Descriptors of its Foaming Behavior (Post41)	
J. Jovaišaitė: The recovery of lipophilic compounds of Vincetoxicum species by	J. Triquet: Wood modification with alkoxysilane using supercritical CO $_2$ (Post42)	
supercritical carbon dioxide extraction (Post16)	P. Jaeger: Application of Supercritical Fluid Technology for processing PVDF in the	
V. Sarv: Extraction of lipophilic components from rowanberry pomace with supercritical CO2 and their fractionation at subcritical conditions (Post17)	context of circular economy (Post43)	
0. Benito-Román: Valorization of onion skin wastes: subcritical water extraction of	Z. Chen: Effect of high-pressure carbon dioxide combined with modified atmosphere package on the quality of fresh-cut squash during storage (Post44)	
pectin and membrane downstream processing (Post18)	M. Sauceau: Effect of ultrasound on the foaming of PMMA-based polymers (Post45)	
R. Gallego: Microalgae extracts enriched in carotenoids with potential anti- inflammatory and neuroprotective activities (Post19)	S. Camy: Coupling of membrane filtration with supercritical processes for substantial energy cost reduction (Post46)	
E. Ibanez: Extraction of neuroprotective compounds from Eucalyptus leaves using green technologies. Ternary mixture design (Post20)	A.E. Illera: Valorization of brewer's spent grain by furfural recovery/removal from subcritical water hydrolysates by pervaporation (Post47)	
E. Ibanez: Evaluation of the Neuroprotective Effect of Extracts Obtained by PLE with Biobased Solvents from <i>Tetraselmis chuii</i> as a Novel Food (Post21)	M. Osada: Prediction of the Liquid–Liquid— Equilibria for Water + Organic Compounds Systems at High–Temperature Conditions Using Machine Learning (Post48)	
E. Ibanez: Antioxidant and potential neuroprotective activity of <i>Heliotropium taltalense</i> I.M. Johnst (Heliotropiaceae) Extracts Obtained by Pressurized Liquid Extraction (Post22)	E. Pasini: Process development for the catalytic cyclohexene oxide copolymerization ir sCO2: impact of the phase behavior (Post49)	
M. Martínez-Ávila: Revaluation of the Sacha inchi seed oil obtained through a	Z. Knez: Influence of SC CO $_{2}$ on laccase stability and activity (Post50)	
supercritical CO <sub>2</sub> extraction (Post23)	T. Müller: Tailored Bond Cleavage in Lignin Depolymerization with Ruthenium Catalyst	
D. Pinto: Supercritical decellularization of cornea: From Laboratory Scale to Industry (Post24)	(Post51)	

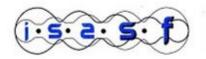
21:30- Party for all participants (included in all registrations) at the A38 ship





	May 2	4, Wednesday, 9:00-10:00 Plenary session 3.	sponsored by:		
Dr Vac	Dr Vaclav Dostal (Czech Technical University of Prague, Czech Republic): Application of Supercritical CO <sub>2</sub> Technology to Modern Energy Systems				
M 0(1)/	•	Parallel sessions 7			
May 24, Wedne Location:		Professors' Club	Pécsi Eszter Room		
Location:	Representation Hall	Nature-based solutions	Novel materials		
	Fluid properties and digitalization	Nature-based solutions	Novel materials		
10:30-10:50	J.P.S. Aniceto: Machine learning models for the prediction of diffusivities in supercritical SC-CO <sub>2</sub> systems (FP9)	M. Yu: Towards the debittering of Andean lupin beans via supercritical carbon dioxide extraction (NBS5)	T. Huddle: Digital manufacturing of metal oxide nanocomposites via interpretable machine learning models (NovMat28)		
10:50-11:10	C. Aymonier (on behalf of S. Marre): Microfluidic SuperCritical Water Oxidation: First observations of hydrothermal flames at microscale (FP10)	H. Boumghar: Development of bioactive cannabis extracts through optimization of green supercritical fluid process (NBS6)	M. Schneider: PGSS process applied to protein entrapment: a study of bovine serum albumin (NovMat29)		
11:10-11:30	S. Schneider: Mixing Performance of a Planetary Roller Extruder Revealed through Computational Fluid Dynamics (CFD) Simulations (FP11)	Y. Zhao: Extraction of essential oil from Boswellia resin using sub-, and supercritical CO <sub>2</sub> by stepwise increasing pressure (NBS7)	C. Erkey: scCO2 Assisted Preparation of Bimetallic and Trimetallic Pt Alloy Nanoparticles on Crosslinked Alginate Aerogel Derived N-Doped Carbon Aerogels as ORR Electrocatalysts (NovMat30)		
11:30-11:50	D. M. Takács: Numerical studies of the supercritical van der Waals fluid in the Widom region (FP12)	G. Núñez: Effect of pretreatment on the supercritical CO <sub>2</sub> extraction yield of microalgae lipids: experimental data and modelling (NBS8)	G. Lamanna: Towards understanding the interplay between atomisation, evaporation and the onset of single phase mixing in transcritical sprays (NovMat31)		
11:50-12:10	T.V.B. Fonseca: Diffusion coefficient of 2,4,6- trichloroanisole in carbon dioxide by molecular dynamics simulations (FP13)	M.M.A. Martínez-Ávila: Kalanchoe daigremontiana extracts obtained with supercritical CO2 as selective ethnomedicine, a bioguided analysis (NBS9)	C. Bufalini: The potential of supercritical emulsion extraction for the encapsulation of <i>Arthrospira platensis</i> polyphenolic extract (NovMat32)		





Parallel sessions 8					
May 24, Wedne	May 24, Wednesday				
Location:	Representation Hall	Professors' Club	Pécsi Eszter Room		
	Waste valorization	Green Chemistry	Safe and Sustainable by Design		
13:00-13:30	A.T. Quitain: Progress on CO <sub>2</sub> -H <sub>2</sub> O Based Green Approaches for Biomass Valorization (Waste11)	T. Müller: Kinetics and Reaction Pathways of Carbon Dioxide Hydrogenation in High- Pressure Reactors to Value-Added Products (GreenChem6)	J.Y. Clavier: Supercritical Fluid Processes industrialization. Is it so green and so expensive? A chemical engineering approach of case studies (SSbD1)		
13:30-13:50	D.G.F. Guajardo-Flores: Characterization of pomegranate ( <i>Punica granatum</i> ) industrial waste extracts obtained with supercritical CO <sub>2</sub> (Waste12)	E. Lester: Catalytic and non-catalytic supercritical water gasification with wastewater as a feedstock (Waste15)	L. Calvo: "How to Choose a Safer Solvent following the Principles of Green Engineering for botanical extraction" (SSbD3)		
13:50-14:10	P. Barea: Subcritical water hydrolysis of water-soluble protein from fish meal: effect of pressurization agent and temperature (Waste13)	J.F. Rodriguez: Synthesis of Biobased Non-Isocyanate Polyurethanes (NIPUs) in Supercritical CO2 (SSbD2)	L. Gibowsky: Natural grown Aerogels from Fruits, Vegetables and Mushrooms: Processing and Characterization(SSbD4)		
14:10-14:30	N. Fernández: High pressure as a tool to valorize food waste streams (Waste14)	M. Eternot: Effect of the carbon chain length of different SC alcohols, from C1 to C4, on pine wood fractionation, in a semi-continuous reactor (NBS10)	T. Devièse: ecoScience - Development of new analytical methodologies for a greener science of the environment (SSbD5)		
	14:35-15:00 B. Schenk: Researchers' visibility for successful grant applications				
	15:00- Award ceremony, announcements and closing				