

WEDNESDAY Sept 21

09.00	10.00			Registration		
10.00	11.00			Welcome	Opening and welcome	
11.00	11.30	Keynote	Costas Panayiotou	Polymeric foams with supercritical fluids as foaming agents: experimental and theoretical aspects	Structure/properties	
11.30	11.50			COFFEE BREAK		
SESSION 1						
11.50	12.10	Oral	Johanna Lampinen	Bioplastics – Trends, markets and applications	Green	
12.10	12.30	Oral	Chul B. Park	Foaming behavior of PLA/nanoclay nanocomposites in continuous extrusion	Green	
12.30	12.50	Oral	J. Duchet-Rumeau	Batch foaming of chain extended PLA with supercritical CO ₂ : influence of the rheological properties and the process parameters on the cellular structure	Green	
12.50	13.10	Oral	Richard Gendron	Rheological study of highly filled PLA for the solid-state foaming process	Green	
13.10	13.30	Oral	Vipin Kumar	Microcellular PLA foams utilizing the gas-saturated pellet (GSP) extrusion process	Green	
13.30	15.00			LUNCH		
SESSION 2						
15.00	15.30	Keynote	Aldo Boccaccini	Development of bioactive glass-based foams with added functionalities for bone tissue scaffolds	Biomedical	
15.30	15.50	Oral	Francesco Baino	Bioactive glass-ceramic scaffolds for bone tissue restoration	Biomedical	
15.50	16.10	Oral	Aurelio Salerno	Solid-state supercritical CO ₂ foaming of PCL and PCL-HA nanocomposite: effect of composition, thermal history and foaming process on foam pore structure	Biomedical	
16.10	16.30	Oral	Mathieu Cuénoud	Plasticization of PLA foams for tissue engineering	Biomedical	
16.30	16.50			COFFEE BREAK		
16.50	17.10	Oral	Michael Kaland	Osteogenic potential of injection molded polylactide-hydroxyapatite (PLA/HA) composite foams for tissue engineering scaffolds	Biomedical	
17.10	17.30	Oral	Alessandro Sannino	Scaffolds for nerve regeneration	Biomedical	
17.30	17.50	Oral	Sandra Van Vlierberghe	Development of hydrogel scaffolds for tissue repair using two-photon polymerization	Biomedical	
17.50	18.10	Oral	Ana dos Santos	Electrospun fibres with potential use for wound dressings	Biomedical	
18.10	18.40	Keynote	Luigi Ambrosio	Tailoring properties for regenerative medicine	Biomedical	
18.40	21.30			WINE AND CHEESE PARTY	POSTER SESSION	

THURSDAY Sept 22

SESSION 3						
09.00	09.30	Keynote	Simeon Stoyanov	Foam stabilisation using shape-anisotropic bio-materials	Food	
09.30	09.50	Oral	Mostafa Barigou	Pickering foam solely stabilised with partially hydrophobic nanoparticle clusters	Food	
09.50	10.10	Oral	Alexander Sher	Transient changes in foam microstructure during ageing of cappuccino type beverages	Food	
10.10	10.30	Oral	Janina Brand	Innovative food foaming additives: interfacial and foaming properties of lysozyme and lysozyme free egg white	Food	
10.30	10.50	Oral	Jannika Dombrowski	Innovative membrane based food aeration: foam structures as influenced by preparation process	Food	
10.50	11.10	Oral	Luben Arnaudov	Highly efficient interface-assisted colloid fabrication	Food	
11.10	11.30	Oral	Marcel Meinders	Modeling water migration in solid sponge-like foods	Food	
11.30	11.50	Oral	Stéphane Pezenec	How the physicochemical and structural properties of globular proteins affect their behavior at the air-solution interface and their foaming properties	Food	
11.50	12.10			COFFEE BREAK		
12.10	12.30	Oral	Aleksander Prociak	Flexible polyurethane foams modified with natural oil-based polyols	Polyurethane Foams	
12.30	12.50	Oral	Ilze Beverte	Mechanical properties of rigid bio-based polyisocyanurate foams in shear	Polyurethane Foams	
12.50	13.10	Oral	Ugis Cabulis	Rigid polyurethane foams obtained from tall oil and filled with natural fibers: application as support for immobilization of lignin-degrading microorganisms	Polyurethane Foams	
13.10	13.30	Oral	Letizia Verdolotti	Hybrid biobased polyurethanes	Polyurethane Foams	
13.30	20.00			LUNCH	Free Afternoon, Island tour	
20.00	23.30			SOCIAL DINNER		

FRIDAY Sept 23

SESSION 4						
09.00	09.20	Oral	Jean-Christophe Quantin	Development of poly(lactic acid) cellular materials modifications induced by X-ray irradiation and chain extenders	Green	
09.20	09.40	Oral	Stephanie Weal	Heat stability of PLA-based foams and its measurement	Green	
09.40	10.00	Oral	Jean-Philippe Garancher	Crystallinity effects in polylactic acid (PLA) based foams	Green	
10.00	10.20	Oral	Reza Nofar	Effect of various fillers on crystallization behavior of PLA with the presence of dissolved CO ₂	Green	
10.20	10.40	Oral	Vincenzo La Carrubba	Morphology and thermal properties of foams prepared via tips based on poly lactic acid blends	Green	
10.40	11.00			COFFEE BREAK		
11.00	11.20	Oral	Carole Boissard	Foaming composites of microfibrillated cellulose and polylactic acid	Green	
11.20	11.40	Oral	Vincent Masson	Development of nanoclay reinforced poly(lactic acid) cellular materials – Influence of the filler content and the addition of maleic anhydride-grafted-PLA on physical properties and cell morphology	Green	
11.40	12.00	Oral	Ernesto Di Maio	Setting strategies in biodegradable foams	Green	
12.00	12.20	Oral	Maria S. Tapia	Evaluation of some properties of starch and starch edible films from sub-utilized roots and tubers from the venezuelan amazons	Green	
12.20	12.40	Oral	Aaron Meagher	Analysis of the internal structure of a monodisperse liquid foam by X-ray tomography	Structure/properties	
12.40	13.00	Oral	Xiaofei Sun	Control of supercritical fluid dosage for microcellular injection molding using neural network predictive model	Structure/properties	
13.00	14.30			LUNCH		
SESSION 5						
14.30	15.00	Keynote	S. Iannace	Biorefinery and bio-plastic foams	Green	
15.00	15.20	Oral	M. G. Pastore Carbone	Comparison between CO ₂ and N ₂ as blowing agents for PCL: thermodynamic and mass transport properties of molten polymer/gas solutions as measured by a newly developed experimental technique	Structure/properties	
15.20	15.40	Oral	Roberto Serpieri	Simulation of the dynamic response at finite deformations of foams based on natural polymers	Structure/properties	
15.40	16.00	Oral	Luigi Sorrentino	Tailoring the functional properties of nanocomposite foams	Structure/properties	
16.00	16.20	Oral	C. Daniel	Aerogels with Controlled Crystalline Nanopores	Structure/properties	
16.20	16.40			CLOSING REMARKS		