	Monday August 25		
7:00	7:00-8:30 - Breakfast		
8:30	8:30-8:45 - Ope	ening ceremony	
9:00	8:45-9:30 - Plenary lecture Philippe DUBOIS: Bio-based polyesters as building blocks for high performance tailored materials		
9:30	9:30-10:00 - Keynote lecture Istvan TOTH: Dendrites for peptide vaccine delivery		
10:00	10:00-10:30 - Coffee break		
10:30	10:30-12:10 - Natural-based thermosets	10:30-12:10 - Controlled and targeted delivery	
	10:30 ROBIN, J-J.: Synthesis and properties of a fully green epoxy resin based on vegetable oils	10:30 IRWIN, NJ.: Next-generation, pH-responsive indwelling catheter coatings for the	
11:00	10:50 PATRY S.: Synthesis and physiochemical characterization of an epichlorohydrin-free epoxy	10:50 FEOKTISOVA, NA.: Porous thermo-responsive pNIPAAm microgels as drug delivery	
	11:10 HABAS, J-P.: Highly reactive epoxy resins derived from vegetable oil: Physicochemical	11:10 MONNIER, A.: PHB-HV microspheres: effect of polymer molecular weight on heparine	
11:30	11:30 ABDELAZIM, RMI.: Rosin based epoxy coating: Synthesis, identification and	encapsulation and release 11:30 CRESTINI, C.: Lignin nanocapsules for actives storage and delivery	
	characterization 11:50 SZOLNOKI, B.: Sugar-based high-tech epoxies: Synthesis and flame retardancy	11:50 SUN, Y-M.: Amphiphilic block copolymers of poly(PHB/mPEG urethane) for cancer drug	
12:00		delivery: Synthesis, characterization, and in vitro evaluation	
12:30			
	12:10-13:	25 - Lunch	
13:00			
13:30			
	13:25-14:10 - Jennifer H. ELISSEEFF: Comp	Plenary lecture osites for regenerative medicine	
14:00			
14:30	14:20-16:00 - Processing and technology	14:20-16:00 - Scaffold fabrication	
	14:20 MOSER, K.: Advanced biopolymer blends for profile extrusion	14:20 RADUSCH, H-J.: Open cellular foams of biodegradable poly(hydroxy butyrate) by solvent casting/particle leaching technology	
15:00	14:40 BERGMANN B.: Online NIR within processing length of twin screw extruder: Evaluation of sensor position and screw configurations	14:40 NGUYEN, QT.: Poly(lactic acid) graded-pore scaffolds: In-vitro resorbability	
	15:00 BOURG, V.: Influence of macromolecular architecture and processing conditions on shrinkage behavior of biopolyester cast-films for packaging applications	15:00 PAULRAJ, T.: Layer-by-Layer self assembled 3D scaffolds for drug delivery	
15:30	15:20 PETRACHE, M.: Influence of shear stress on the melt degradability of some new renewable materials designed for packaging fabrication	15:20 PROKOPOVIC, V.: Hyaluronic acid/poly-L-lysine multilayer polymers films as reservoirs for storage and release of small molecules	
	15:40 ZEPNIK, S.: Foaming behavior of bio-based polycarbonate using chemical blowing agents	15:40 RABYK, M.: Irradiated nanofibers from glycogen-based materials for tissue engineering	
16:00			
	16:00-16:30 - Coffee break		
16:30	16:30-18:10 - Lignocollulosos	16:30-18:10 - Polyurethanes	

17.00	16:30	ARGYROPOULOS, D.: Towards thermoplastic lignin polymers: Progress in utilizing kraft lignin as precursors to carbon fibers, heat stable melts & narrow polyphenols	16:30	ŠPÍRKOVÁ, M.: Degradable all-aliphatic polyurethane elastomers
17:00	16:50	BASSET, C.: Catalytic organosolv lignin extraction from wheat straw: Influence of the catalyst on structural and chemical properties of lignins	16:50	UGARTE, L.: Introduction of high renewable carbon content polyol components in flexible polyurethane foams
17-20	17:10	KUNAVER, M.: Fast and effective preparation of nanocrystalline cellulose from lignocellulosic sources	17:10	MAZUREK, MM.: Elastomeric biodegradable poly(ester-carbonate-urethane)s based on renewable resources
17:30	17:30	HOSUR, M.: Isolation and characterization of celluloses from different biomass resources	17:30	PHAM, DP.: High-functional lipidic polyols by thiol-ene/yne approach for crosslinked Polyurethanes
	17:50	BRUNO, FF.: Competing forces during cellulose dissolution and regeneration: solvents, mechanisms and controversial thoughts		
18:00				
18:30				

	Tuesday August 26		
7:00	7:00-8:30 - Breakfast		
8:30			
	8:30-9:15 - P Ton PELIS: Recent developm	lenary lecture ents in all-polymer composites	
9:00			
9:30	9:15-10:00 - F Michel VERT	Plenary lecture : PLA for blood	
10:00	10:00-10:30	- Coffee break	
10:30	10:30-12:10 - Cellulose	10:30-12:10 - Biomedical applications	
11.00	10:30 FREIRE, C.: Recent advances on the development and applications of nanostructured composites based on bacterial nanocellulose	10:30 ZAYTSEV, D.: Comparison of deformation behavior of human tooth hard tissues with the resin-based composite materials	
11:00	10:50 KOKOL, V.: Fabrication of micro-to-nano structured nanocellulose-based materials with tuneable porosity, surface chemistry and mechanical properties	10:50 TAJITSU, Y.: Development of new soft actuator using piezoelectric bio-based polymer film for realizing smart human-machine interface	
11.20	11:10 LESZCZYŃSKA, A.: Surface modification of microfibrillated cellulose by sequenced esterification with butyric and acetic anhydrides for new biopolyamide nanocomposites	11:10 BUDAI-SZŰCS, M.: In situ gelling mucoadhesive drug delivery system for ophthalmic use	
11:30	11:30 EL-ZAWAWY, WK.: Preparation and characterization of microfibrillated cellulose from agricultural residues for paper making	11:30 DE BAROID, AT.: A novel DEAEMA:HEMA copolymer with surface bound TCPP or Rose Bengal for use as a stimulus controlled antibacterial biomaterial	
12.00	11:50 DORMANNS, JW.: All-cellulose composite laminate processing via a NaOH solvent route	11:50 HORÁK, D.: In vivo monitoring of transport of poly(L-lysine)-modified iron oxide nanoparticle-labeled macrophages in a rat	
12:00			
12:30			
12.50	12:10-13:	25 - Lunch	
13:00			
13:30			
	13:25-14:10 -	Plenary lecture	
14:00			
14:30	14:20-15:40 - Natural fiber reinforced polymer composites	14:20-15:40 - Natural building blocks	
	14:20 BENEZET, J-C.: Effects of surface treatment on husk and properties of theirs biocomposites with poly(acid lactic)	14:20 CAILLOL, S.: New chemical platform of biobased aromatic building blocks for polymers	
15:00	14:40 RENNER, K.: Poly(lactic adid)/lignocellulosic composites: Functionalization and modification	14:40 IVÁN, B.: Poly(malic acid) as a biocompatible and environmentally advantageous polymer	
	15:00 ACERA-FERNÁNDEZ, J.: Selective removal of flax fibre extractives and its influence on the interfacial behaviour of flax fibre/epoxy composites	15:00 MAZZON, E.: Development of highly reactive biosourced polymeric formulations for the production of lightweight rigid foams	
15:30	15:20 SITTISART, P.: Developing a cost effective composite material for EMI shielding/static dissipation application	15:20 MOSNACEK, J.: Copolymers from a renewable monomer Tulipalin A	
	15:40-16:10 - Coffee break		
16:00			
	16:10-18:10 - Natural fiber reinforced polymer composites	16:10-18:10 - Natural polymers	
16:20	16:10 VALENZA, A.: PLA biopolymer reinforced with artichoke fiber: A first contribution	16:10 FERNANDES, SCM.: Chitin panoforms: From green panocomposites to biomedical	

	16:30 BATTEGAZORRE, D.: Mechanical properties and oxygen permeability evaluation of biocomposites from agricultural by-products	16:30 MAHMOUDI, N.: Chitosan/polyvinyl pyrrolidone/graphene oxide nanobiocomposite films for food packaging
17:00	16:50 BONSE, BC.: Mechanical and thermal behavior of recycled PP/EPDM/Talc reinforced with bamboo fiber	16:50 ŠVACHOVÁ, V.: Significant bactericidal effects of gelatin nanofibers modified with oxidized cellulose
	17:10 DIEMERT, J.: Plywood as a local reinforcement for injection moulded bio-based products	17:10 BOŽIČ, M.: Mechanical and barrier properties of newly developed nano-structured biocomposites
17:30		
18:00		
	17:30-19:00 -	Poster session
18:30		

	Wednesday August 27		
7:00	7:00-8:30 - Breakfast		
8:30	8:30-9:00 - Keynote lecture Katherine DEAN: Interfacial design in biocomposites		
9:00	9:00-9:30 - Keynote lecture Yugio NAGASAKI: Redox biomaterials		
9:30	9:30-10:00 - Keynote lecture G. Julius VANCSO: Polymers facing marine life in seawater: Strategies to prevent biofouling		
10:00	10:00-10:30 - Coffee break		
10:30	10:30-12:10 - Biopolymers and their blends	10:30-12:10 - Responsive hydrogels	
	10:30 SOUZA, AMC.: Morphology and mechanical properties of PLA/PBAT blends containing montmorillonite clay and/or chain extenders	10:30 GYARMATI, B.: Poly(aspartic acid) hydrogels with reversible response to redox stimulus	
11:00	10:50 LEKUBE, BM.: Study of the PLA/PET blend system as an example of the influence of biopolymers in the recycling of conventional plastics	10:50 MANEK, E.: Interactions of poly(N-isopropylacrylamide) hydrogels with small aromatic molecules of environmentally and biomedically relevance	
11.20	11:10 WOO, EM.: Internal lamellae and micro-voids by cross-sectional dissection of poly(ethylene oxide)/poly(L-lactic acid) blend	11:10 PINAUD, F.: Electrogenerated chemiluminescence in responsive microgels	
11:30	11:30 MOFOKENG, J.: Preparation and characterisation of biodegradable PLA/PHBV, PLA/PCL and PHBV/PCL polymer blends and their nanocomposites with TiO ₂ as filler	11:30 GARCÍA ASTRAIN, C.: Diels-Alder cross-linked furfuryl gelatin-based pH-responsive hydrogels	
12.00	11:50 OKHAY, N.: New route for PLA/PHBV blends compatibilization: Role of compatibilizer on the evolution of interfacial tension	11:50 SZILÁGYI, A.: pH- and temperature-responsive poly(aspartic acid)-l-poly(N- isopropylacrylamide) conetwork hydrogel	
11.00			
12:30			
	12:10-13:25 - Lunch		
13:00			
13:30	13:25-14:10 - 1	Plenary lecture	
	Kazutoshi HARAGUCHI:	Stimuli responsive nanogels	
14:00			
	14:20-15:40 - Biocomposites	14:20-15:40 - Colloidal structures and interactions	
14:30	14:20 MAROSI, G.: Biocomposites: From synthesis, modification to nanopharmaceuticals	14:20 PAPAGIANNOPOULOS, A.: Light scattering study of PnBA-b-PAA / lysozyme complexes	
15:00	14:40 KUCIEL, S.: Carbon fiber reinforced biobased polyamide 10,10 composites and their physico-mechanical properties	14:40 ROBITZER, M.: Multiscale study of ionotropic alginate gels	
13.00	 15:00 BORDÁCSNÉ BOCZ, K.: Preparation and characterisation of flame retarded self-reinforced poly(lactic acid) composites 	15:00 VELK, N.: Influence of assembly conditions and post-treatment of polyelectrolyte multilayer films on the mobility of loaded biomolecules	
15:30	15:40 KAEWSAKUL, W.: Role of silane coupling agents with different functionalities on reinforcement of silica-filled natural rubber compounds	ABDULLIN, T.: Cellular compatibility and pharmacokinetics of non-ionogenic amphiphilic polymers and their bioconjugates	
16.00	15:40-16:10 - Coffee break		
16:00			
10.00	16:10-17:30 - Natural fiber reinforced polymer composites	16:10-17:30 - Biopolymers and their blends	
16:30	10.10 LONMERSTORTER, T. Structure-property correlations in perferasioner/wood temary	10.10 CINCLE, F. comparison of unevent nucleating agents on the crystalization time and	

	16:30	MÓCZÓ, J.: Correlation between micromechanical deformations and impact resistance in natural fiber reinforced PP composites	16:30	ALEKSANYAN, K.: PLA-based biodegradable compositions: Production, structure, properties
17:00	16:50	NIEDERMANN, P.: Mechanical properties of novel glucose based epoxy resin/jute biocomposites	16:50	ESPERT, A.: Strategies to improve processability and mechanical properties of pure poly (3-hydroxybutyrate) (PHB)
	17:10	SHAH, DU.: Can silk become a fashionable reinforcing fibre for plastics?	17:10	GHAZARYAN, G.: Cyclic carbonates as plasticizers for PLA: Thermo-mechanical aspects
17:30				
18:00				
		17:30-19:00 -	Poste	r session
18:30				

	Thursday August 28		
7:00	7:00-8:30 - Breakfast		
8:30			
	Anarudha MISHRA: Graft copolymers based o	n polysaccharides using microwave irradiations	
9:00			
	9:05-10:25 - Natural fiber reinforced polymer composites	9:05-10:25 - Polymer chemistry	
9:30	9:05 LOPEZ-CUESTA, J-M.: Improvement of the fire behavior of PBS/flax biocomposites by fiber surface modification with phosphorous compounds	9:05 MEHTA, R.: Microwave assisted synthesis of polylactic acid (PLA) and preparation of in situ PLA nanocomposites: An overview	
	9:25 BURGSTALLER, C.: Investigating the interface of wood plastic composites under processing related conditions	9:25 KÓSA, Cs.: Polycaprolactone: Photochemical changes in the presence of benzophenone	
10:00	 9:45 SOCCALINGAME, L.: Reprocessing of wood flour reinforced polypropylene composites: particle size and coupling agent influence 	9:45 SENGOTTUVELAN, B.: Self-aggregation induced green emission of an alternating hybrid dendron	
	10:05 SOBCZAK, L.: Thermoplastic composites reinforced with Tencel® fibers – Processing and achievable properties	10:05 KASZA, G.: Multifunctional bio-friendly macrostabilizers	
10:30			
	10:25-10:50 (Coffee - break	
11:00	10:50-12:10 - Nanocomposites	10:50-12:10 - Natural polymers	
	10:50 JASPERS, L.: The effect of zinc oxide (ZnO) nanolayers on the gas barrier properties of the bioplastic poly(3-hydroxybutyrate-co-3-hydroxyvalerate) (PHBV)	10:50 CIESLA, K.: Radiation modification of the physico-chemical properties of the films based on starch-sodium laurate system	
11:30	11:10 MAT DESA, MSZ.: Mechanical and thermal properties of rubber toughened poly(lactic pcid)/multiwalled carbon nanotubes nanocomposites	11:10 ABRAMOWSKA, A.: Preparation and radiation modification of the starch-PVA films	
11.00	11:30 GIGLI, M.: Poly(butylene cyclohexanedicarboxylate/diglycolate) random copolymers containing SWCNTs for multifunctional conductive biopolymer com-posites	11:30 JANSENS, KJA.: Importance of protein cross-linking and disulfide reduction for the mechanical properties of compression molded rigid wheat gluten bioplastics	
12:00	11:50 SHITTU, TA.: Effect of pseudoboehmite alumina on the microstructure, thermal, optical and water vapor transmission properties of chitosan nanocomposite films	11:50 FERREIRA, AR.: Preparation and characterization of microbial polysaccharide FucoPol films	
12:30			
12.000	12:10-13:2	25 - Lunch	
13.00			
13.00			
12:20			
13.30	13:25-15:05 - Application of biopolymers		
14.00	12:45 KIETN A Bioplactics for solar collector companyate		
14:00	13:45 KLEIN, A.: Dioplastics for solar collector components		
14.20	selective removal of oil from water		
14:30	14:25 KAMEL, S.: Mouned bagasse sheet with functionalized silanes for removing of engine oil		
	arylation reactions		
15:00			
15:30			
16:00			
16:30			

