

TUESDAY, 3 September

Bio-based polymers, Biodegrad. , Composites, Nanocomposites

	CHAIR: Prof. S. THERIAS Clermont-Ferrand, France	
8:30 - 9:00	PLENARY - Prof Tadahisa IWATA University Tokyo, Japan	High-performance biomass-based and biodegradable plastics from microbial polyesters and polysaccharide derivatives
09:00 - 9:20	Dr Hideki ABE RIKEN CSRS, Japan	Thermal Properties of Novel Bio-based Polyurethanes Synthesized from Vanillin-derived Diols and Lysin-derived Diisocyanate
9:20 - 9:40	Prof Tatiana VOLOVA Siberian Fed University, Russia	Design and properties of "green" composites based on biodegradable P(3HB) and natural materials
9:40 - 10:00	Dr Ekaterina SHISHAYSKAYA Siberian Fed University, Russia	Biodegradation of polyhydroxyalkanoates in natural environments
10:00 -10:20	Prof Nadia DINTCHEVA Palermo, Italy	Durability of bio-polymers based films for cultural heritage conservation
10:20 - 10:50	COFFEE BREAK	
	CHAIR: Dr. K. JACOBSON PDS Consulting, Sweden	10 min. / and for Poster Presentations
10:50 - 11:00	Dr Holly WEBER KCNSC, Kansas City, USA	Comparison of Compression Stress Relaxation Methods
11:00 - 11:10	Dr Roberto BENAVIDES Saltillo, Mexico	Sulphonated St/BuA membrane performance during dehydration and long term electrochemical activity
11:10 - 11:20	Ms. Cinthia KOTZIAN Saltillo, Mexico	Effect of gamma dose rate in the crosslinking of PVC composites used for radiation protection in radiology
11:20 - 11:30	Mr. Takato ISHIDA Hokkaido University, Japan	Challenges in Prediction of Significant Morphological Changes from Photochemical "Degelation" of Acrylic-Urethane Networks
11:30 - 11:40	Ms. Sylwia GRABSKA-ZIELINSKA Nicolaus Copernicus Uni, Poland	The characterization of 3D biopolymeric materials based on collagen, silk fibroin and chitosan for biomedical applications
11:40 - 11:50	Ms. Evgeniia Salomatina Nizhy Novgorod, Russia	Photo- and biodegradation of materials based on chitosan and copolymers poly(lactide-titaniumoxide)
11:50 - 12:00	Ms. Raiana Tomazini de Oliveira University of Rovira, Spain	Production of liquid fuels from the revaluation of plastic waste using fluorinated catalysts
12:00 - 12:10	Prof. Pierre-Olivier BUSSIÈRE Clermont-Ferrand, France	Atomic force Microscopy: a powerful tool to characterize polymer degradation
12:10 - 12:20	Dr Alberto VEGA RISE, Sweden	Natural ageing of polyurethane in district heating pipes
12:20 - 12:40	QUESTIONS for all 10 min / and for Poster Presentations	
12:40 - 14:00	LUNCH	
	FREE AFTERNOON	