

MONDAY, 2 September

Ageing, Degradation, Stabilisation

7:25 - 8:25	REGISTRATION	
8:25 - 8:40	Welcome Talk- Prof S. Al-Malaika, PDDG Chair	
	CHAIR: Prof S Al-Malaika University of Aston, UK	
8:40 - 9:10	PLENARY- Dr Bernhard SCHARTEL BAM, Berlin, Germany	Weathering Resistance of Halogen-free Flame Retardancy
09:10 - 9:30	Prof Sabine FUCHS Hamm-Lippstadt University, Germany	Novel Approaches for halogen-free flame retardant polystyrene foams: Systematic investigations on the interplay of organic phosphates and phosphonates with disulfides
9:30 - 9:50	Prof Gaelle FONTAINE University Lille, France	Phosphorus derivatives as flame retardants for polybutylene succinate
9:50 - 10:00	Ms. Kellie MUIR Strathclyde University, UK	Thermal Degradation of Flame Retardant Flexible Polyurethane Foams by Thermal Volatilisation Analysis and Infra-red Spectroscopy
10:00 - 10:20	Ms. Anne XU Paris Tech, France	Physico-chemical characterization of a stabilized XLPE: impact of the heterogeneous distribution of antioxidants on oxidative ageing
10:20 - 10:50	COFFEE BREAK	
	CHAIR: Prof J-L GARDETTE Clermont-Ferrand, France	
10:50 - 11:10	Dr Jan PILAR Academy Sciences, Czech Republic	Activity of phenolic stabilizers during photooxidative degradation of polyolefins.
11:10 - 11:30	Dr Mohamed Souheib CHEBIL Paris Tech, France	Stability of acrylic based resins
11:30 - 11:50	Prof Adriaan Stephanus LUYT Qatar University	Value Added Green Polyolefins Formulations with Extended Service Life
11:50 - 12:10	Dr Lukasz LINDNER Academy Sciences, Poland	Stability of imidazole-doped nanocrystalline cellulose solid proton conductor
12:10 - 12:30	Ms. JING HUANG ENSAM, Paris, France	Stabilization of polydicyclopentadiene against thermal oxidation: kinetics study
12:30 - 14:00	LUNCH	
	CHAIR: Prof. X COLIN ENSAM, France	
14:00 - 14:30	PLENARY- Prof Sandrine THERIAS Clermont-Ferrand, France	Multiscale analysis of the photodegradation of functional polymer nanocomposites
14:30 - 14:50	Dr John COLWELL Queensland University, Australia	Using ketone photochemistry to increase the photodegradability of polylactide
14:50 - 15:10	Prof Bela PUKANSZKY Budapest, Hungary	Enzymatic degradation of PLA/cellulose nanocrystal composites
15:10 - 15:30	Ms. Margot PILQUET Clermont-Ferrand, France	Impact of thermooxidative degradation on microstructure, physicochemical and mechanical properties of Polyamide 6,6 used as dielectric material
15:30 - 16:00	Mr Xinfeng WEI KTH, Stockholm, Sweden	Degradation of polyamide-based multilayer fuel line exposed to bio and petroleum diesel under "in-vehicle" conditions
16:00 - 16:20	COFFEE BREAK	
	CHAIR: Dr M PATEL AWE, UK	
16:20 - 16:40	Dr James LEWICKI Lawrence Livermore, CA, USA	The influence of ionizing radiation on the morphology, mechanical properties and chemistry of fluorinated polyolefins
16:40 - 17:00	Dr Dali YANG Los Alamos, NM, USA	Investigation of Thermoplastic Polyurethane Degradation
17:00 - 17:20	Ms. Milena SPIRKOVA Prague, Czech Republic	Degradability studies of polycarbonate-based polyurethane films
17:20 - 17:40	Ms. Haoua Amina BRAHAMI EMSAM, Paris, France	Study of the ageing of VMQ type silicone under mechanical stress
17:40 - 18:00	Ms. Natalia MACRO University of L'Aquila, Italy	Ageing behavior of melamine-formaldehyde based laminates used in a contemporary artwork
19:00 - 20:30	WELCOME RECEPTION	