

23-25 .

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7th International Symposium on Fire-Retardant Materials & Technologies

2022 09 23-25 .

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Jenny Alongi	Università degli Studi Di Milano, Italy
Günter Beyer	
Serge Bourbigot	
Debes Bhattacharyya	
Giovanni Camino	
Federico Carosio	
Manfred Döring	
Sophie Duquesne	
Bin Fei	Hong Kong Polytechnic University
Gaëlle Fontaine	University of Lille, France
Sabyasachi Gaan	
Jaime Grunlan	
Laia Haurie	
Yuan Hu	
T. Richard Hull	
Baljinder Kandola	
Jinhwan Kim	
Oleg Korobeinichev	
Sergei V. Levchik	
José-Marie Lopez-Cuesta	
György Marosi	
Alexander B. Morgan	
Adrian Mouritz	
Takafumi Noguchi	
Masayuki Okoshi	
Rudolf Pfaendner	
Doris Pospiech	
Miriam Rafailovich	
Berhard Schartel	
Kelvin K. Shen	
Stanislav Stoliarov	
Jürgen Troitzsch	
De-Yi Wang	
Yu-Zhong Wang	
Hao Wang	
Carl-Eric Wilen	
Charles A. Wilkie	
Charles Yang	
Rongjie Yang	
Guan Heng Yeoh	
Mauro Zammarano	

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Charles A. Wilkie	
Serge Bourbigot	Fire barriers: evaluation, characterization and modeling
Giovanni Camino	General and/or historical aspects of fire retardancy
Federico Carosio	New green water-based approaches to FR materials
Sophie Duquesne	Development of FR HIPS formulation from WEEE
Bin Fei	Advancement in boron-based flame retardants
Sabyasachi Gaan	Flame retardation of partially aromatic polyamides with bis-phosphine oxides
Jaime Grunlan	Water-based polyelectrolyte surface treatments for wood, textiles, and foam
Sergei V. Levchik	Flame retardants and their daily uses in modern life: myths and reality
Masayuki Okoshi	Flame-retardant technology in future - high functionality and circular economy
Kelvin K. Shen	The effect of boron compounds on oxidative stability of carbon
Tatsuya Shimizu	Advanced halogen-free flame retardant system for polyolefin applications with additive combination technology
Stanislav Stoliarov	Targeting fire-growth-controlling material properties as a strategy for design of the next generation of flame retardant materials
Mauro Zammarano	High performance fire barriers for upholstered furniture with low flammability and cigarette ignition resistance
	Some thoughts on transparent intumescent flame retardant coatings
	Design principles of organic-inorganic hybrid functional particle flame-retardants
	The development in various flame retardant nylon polymers and the applications
	Fire safety design and application of polyurethane
	The new approach to halogen-free flame retardant polyamide materials
	From group aggregation to block copolymerization: specific structure organization style enhanced material's properties
	Control and flame retardant of polycarbonate combustion process
	Carbon dots as smoke suppression agents for construction of complementary flame retardant system toward PET
	Preparation of reactive flame retardant and study on its flame retardancy of polylactic acid
	Research progress and application of natural bio-based flame retardant materials
	Enhanced flame retardancy of polypropylene by the synergism between a phosphorus-containing polysiloxane and the intumescent flame retardant
	Design, synthesis and application of ionic liquid flame retardants
	The flame retardancy and UV resistance of polypropylene composites
	High temperature resistant resin matrix composite material and its aerospace application
Günter Beyer	
Debes Bhattacharyya	
Jenny Alongi	

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1.	2022	6	30	
2.	2022	7	15	
3.	2022	8	30	
4.	2022	9	23	
5.	2022	9	24	25



(Extended Abstract)

2 A4

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