Fire retardant polymers, composites and nanocomposites					
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	Summary				
	Fire retardancy of polymeric materials is an important, active and developing field in advanced polymers since the flammable polymers have been used in various fields in the modern society. However, fire retardant (FR) polymers and additives are facing environmental concerns and stringent fire safety standards & regulations. In this context, some widely used FRs will be phased out soon, while the demand for the sustainable, environmentally-friendly, high performance FRs & fire retardant polymers is increased considerably. This symposium is designed to address these issues and will appeal to polymer and material scientists, chemists, engineers, technical managers involved in research and development, production, marketing, standards and evaluation of environmental impact. The symposium welcomes scientific reports from academia and industry on fundamental and applicative approaches related to the following topics				
	0	 New fire retardants (novel FRs, nano-FRs, synergists, new fire retardant formulas, etc); 			
	0	 Fire retardant polymers, composites and nanocomposites (thermoplastics, thermosets, elastomers & rubbers, etc.) 			
	0	Fire behavior	& fire retardant mechanisms;		
	0	Structural pro	operty relationships of FR polyme	r composites;	
	0	Nanoparticle	s effect on flammability;		
	0	Fire modeling	g and simulation;		
	0	Regulation, to	ests, toxicity and environmental is	sues;	
	0	Industrial app	plications and focus.		