

TIME	AGENDA	SPEAKER
09:00 - 09:10	Welcome/Introduction	
Theme: Fibre-reinforced composites: Reaction to fire (heat release, smoke and toxicity) of composites (C-RTF) Session Chair: Dr. Brian Lattimer		
09:10 - 09:40	Plenary C-RTF-P	R.E.Lyon: Fire Response of Fibre Reinforced Polymer Composites
09:40 - 10:00	C-RTF-1	P.Di Modica: Driving Innovation on Jet Fire Resistant Solutions: Searching for Alternative Materials and New Approaches
10:00 - 10:20	C-RTF-2	R.I.Ochs: CFRP Aircraft Skin Exposed to Fires in Simulated Hidden Areas of Aircraft Cabins
10:20 - 10:40	C-RTF-3	L.Schmidt: Prevention of the Formation of Respirable Fibres in Carbon Fibre Reinforced Epoxy Resins during Combustion
10:40 - 11:10	Coffee	
Session Chair: Prof. György Marosi		
11:10 - 11:30	C-RTF-4	S.Eibl: Flame Retarding Effects by Variously Orientated Fibres in Carbon Fibre Reinforced Plastic Materials
11:30 - 11:50	C-RTF-5	E.Schuhler: Fire Behaviour of Polymer Composite to Flame. Application to a Comparative Study of Thermoset- and Thermoplastic-based CFRP
11:50 - 12:10	C-RTF-6	G.Leplat: Extrapolation of Thermochemical Kinetics from Conventional Thermogravimetric Analysis at Very High Heating Rates for Composites
12:10 - 12:30	C-RTF-7	P.Tranchard: Modelling of the Behaviour of a Marine Composite in Fire
12:30 - 13:30	Lunch	
Theme: Fire resistant structures and new developments (C-FR) Session Chair: Dr. Richard Lyon		
13:30 - 14:00	Plenary C-FR-P	B.V.Lattimer: Considering Non-uniformity in Thermo-Mechanical Response of Composites during Fires
14:00 - 14:20	C-FR-1	C.Zhou: Designing Fire Resistant Lightweight Composites for Marine Applications
14:20 - 14:40	C-FR-2	B.Schartel: Fire Stability of Fibre Reinforced Polymer Composites: Sandwich Panels and Fuselage Shells
Sub Theme: FR Matrix/Fibre Materials (C-MF) Session Chair: Prof. Jose-Marie Lopez-Cuesta		
14:40 - 15:00	C-MF-1	S.Tang: Flame Retardant Effect of Boron Compounds and Phosphaphenanthrene Derivative on Epoxy Resin
15:00 - 15:30	Coffee	
15:30 - 15:50	C-MF-2	G.Marosi: Combined Phased Flame Retardancy of Bioepoxy Resins and Carbon Fibre Reinforced Composites
15:50 - 16:10	C-MF-3	S.Duquesne: Development of Low Weight Flame Retarded Unsaturated Polyester Laminates
16:10 - 16:30	C-MF-4	B.Kandola: Fire Resistant Natural Fibre-reinforced Composites from Flame Retarded Textiles
16:30 - 16:50	C-MF-5	M.Casetta: Influence of MDH Surface Treatment on the Fire Retardant Mechanism of Glass Fibre Reinforced Polyamide 6/MDH Formulations