Programme for ECOFRAM 2026

15 June 2026

Time	Activity	Venue
15:00 - 18:00	Social Programme	Guided tour of Gammelstad
19:30 – 21:30	Registration	Vetenskapens Hus
19:30 – 20:30	Welcome Reception	Vetenskapens Hus
20:30 – 21:30	The Midnight Sun Lecture Björn Karlsson (University of Iceland) *A few thoughts on eco-friendly materials and fire safety*	Vetenskapens Hus

16 June 2026

Time	Activity	Venue
8:30 – 9:00	Registration	LTU / Alfafoajen
9:00 – 10:00	Opening Session & Invited Lecture (IL1)	LTU / A117
10:00 – 10:40	Coffee Break (FIKA with MDPI Fire)	LTU/ Alfafoajen
10:40 – 12:00	Parallel sessions (PA1&PB1)	LTU / A117 / A109
12:00 – 13:00	Lunch	LTU / Centrumrestaurangen
13:00 – 13:40	Invited Lecture (IL2)	LTU / A117
13:40 – 15:00	Plenary Session (PL1)	LTU / A117
15:00 – 15:40	Coffee Break & Poster Session	LTU / Alfafoajen
15:40 – 17:00	Plenary Session (PL2)	LTU / A117
19:00 – 21:00	Conference Dinner	Elite Stadshotellet Luleå

17 June 2026

Time	Activity	Venue
9:00 – 9:40	Invited Lecture (IL3)	LTU/ A117
9:40 – 10:20	Coffee Break & Networking	LTU/ Alfafoajen
10:20 – 12:00	Plenary Session (PL3)	LTU/ A117
12:00 – 13:00	Lunch	LTU / Centrumrestaurangen
13:00 – 13:40	Invited Lecture (IL4)	LTU / A117
13:40 – 14:40	Parallel sessions (PA2&PB2)	LTU/ A117 / A109
14:40 – 15:40	Coffee break& Tour of LTU Lab	LTU/ Alfafoajen
15:40 – 16:40	Plenary Session (PL4)	LTU/ A117
16:40 – 17:00	Closing Session	LTU / A117

16 June 2026

Opening Session & Invited Lecture IL1

Venue: LTU / A117

Time	Speaker	Title
9:00 - 9:20	Organising Committee	Opening Remarks
9:20 – 10:00	Jaime C. Grunlan *Texas A&M University*	Flame retardant treatments from polyelectrolyte complexes

Parallel Session PA1 Environmentally Friendly Fire Protection for Wood Materials

Chair: Oisik Das

Venue: LTU / A117

Time	Speaker	Title
10:40 - 11:00	Veronika Kvorková *Slovak University of Technology in Bratislava*	In-Situ Mineralisation of Poplar Wood via Water Glass and Calcium Chloride for Enhanced Fire Performance
11:00 - 11:20	Lola Zavattoni *University of Lille*	Low environmental impact long-term fire retardants against wildfires
11:20 - 11:40	Lara Dumschat *Wood K plus - Kompetenzzentrum Holz GmbH*	Greener fire safety for modern mobility: Bio-derived solutions for decorative wood veneers
11:40 – 12:00	Daniel Hafner *Institut fuer Holztechnologie Dresden gGmbH*	Application of bio-based flame-retardants on paper-wood lightweight elements for sustainable construction

Parallel Session PB1 Sustainable Flame Retardants for Polymers, Textiles and Coatings

Chair: Vincent Leon

Venue: LTU / A109

Time	Speaker	Title
10:40 - 11:00	Hares Wahdat *LyondellBasell*	ALTERNATIVES to Halogen-based Flame Retardant Masterbatches: Opportunities and Challenges
11:00 – 11:20	Wilfried N'cho IRCER	Development of an intumescent geopolymer coating on steel substrates
11:20 - 11:40	Klaus Opwis *Deutsches Textilforschungszentrum Nord-West gGmbH*	Natural Flame Retardants for Textiles based on Phytic Acid
11:40 – 12:00	Immacolata Climaco *University of Naples Federico II*	Fire-resistant and antifouling epoxy coatings containing rosin-TiO2 hybrid particles and alkylsilanes

16 June 2026

Invited Lecture IL2

Venue: LTU / A117

Time	Speaker	Title
13:00 – 13:40	Thomas Mayer-Gall *Deutsches Textilforschungszentrum Nord-West gGmbH, Krefeld* *Physikalische Chemie & CENIDE, Universität Duisburg-Essen, Essen*	Environmental friendly flame retardants for natural fibers and fiber reinforced composites

Plenary Session PL1 Innovative Materials for Sustainable Flame Retardancy

Chair: Fouad Laoutid

Venue: LTU / A117

Time	Speaker	Title
13:40 – 14:00	Laurent Ferry *IMT Mines Alès - France*	Fire behaviour of scleroprotein-based materials
14:00 – 14:20	Mazela Bartlomiej *Poznan University of Life Sciences*	Fire-Resistant, Lightweight Cellulose-Based Composite
14:20 – 14:40	Aurelio Bifulco *University of Naples Federico II*	Transparent flame retardant epoxy nanocomposites based on Novolac resin, in-situ sol-gel amorphous silica, and a liquid DOPO derivative
14:40 – 15:00	Jose Pablo Chacon Castro *Bundesanstalt für Materialforschung und -prüfung*	Sustainable Flame Retardancy of Poly(limonene carbonate) Using Melem Phytate and Inorganic / Bio-Based Adjuvants

Plenary Session PL2 Recyclability and Circularity in Flame Retardant Polymer Systems

Chair: Björn Karlsson

Venue: LTU / A117

Time	Speaker	Title
15:40 – 16:00	Zsófia Kovács *Budapest University of Technology and Economics*	Flame retardancy and recyclability of polyamide 6 composites with flame-retardant coatings
16:00 – 16:20	Daniel De Schryver *Albemarle*	Advancing Sustainable Plastics with Polymeric Brominated Flame Retardants: Performance, Recyclability and Circularity
16:20 – 16:40	Fabrizio Crisci *Empa*	Transphosphonate Exchange-Enabled Recyclable Flame-Retardant Epoxy Thermosets
16:40 – 17:00	Fouad Laoutid *materianova*	Ultra-Fast Reactive Extrusion Recycling of Rigid Polyurethane Insulation Foams into Functional High-Performance Flame-Retardant Foams

16 June 2026

Poster Session

15:00 – 15:40

Venue: LTU / Alfafoajen

	Speaker	Title
P1	Eui-Young Shin *German Textile Research Center North-West*	Multifunctional Textile Coatings for Flame-Retardant PLA/Flax Composites
P2	Martina Nováková *University of Chemistry and Technology, Prague*	Printed Flame Retardant for the Protection of Cellulose-Based Written Monuments
P3	Miriam Bader *FILK Freiberg Institute gGmbH*	Artificial leather based on aqueous polyurethane – moving forward to sustainable products
P4	Raphael Otto *Deutsches Textilforschungszentrum Nord-West gGmbH*	On the hunt for the PO radical: How substrate interactions shape the gas-phase mechanism of phosphoramidate flame retardants
P5	Pietro Russo *CNR, ISTITUTO PER I POLIMERI COMPOSITI E BIOMATERIALI*	Fire performances of self-extinguishing and smoke suppressant electrospun PVP/hemp multilayer
P6	Claudio Imparato *University of Naples Federico II*	Coffee waste-derived biochar as a sustainable filler for enhancing thermal and fire behaviour of epoxy nanocomposites

ECOFRAM 2026

17 June 2026

Invited Lecture IL3

Venue: LTU / A117

Time	Speaker	Title
9:00 - 9:40	Baljinder Kandola *University of Greater Manchester*	Engineering Fire-Safe Natural Fibre Composites through Synergistic Multi-Component Design

Plenary Session PL3 Advanced Sustainable Flame Retardant Strategies

Chair: Laurent Ferry

Venue: LTU / A117

Time	Speaker	Title
10:20 - 10:40	Bernhard Schartel *Bundesanstalt für Materialforschung und -prüfung*	Still no end in sight? Towards sustainable flame retardant poly(lactic acid) composites
10:40 - 11:00	Vincent Leon *Lohmann GmbH & Co. KG*	Bio-based flame-retardant adhesive tapes
11:00 - 11:20	María Expósito *AIMPLAS*	Sustainable Strategies for Phosphorus Flame Retardants: Designing High-Performance, Eco-Friendly Fire Retardants
11:20 - 11:40	Miriam Bader *FILK Freiberg Institute gGmbH*	Microencapsulated bio-based flame retardants for carpet backcoating
11:40 – 12:00	Paul Barthel *Fraunhofer ICT*	Phosphoryl Carbamates as Safe-and-Sustainable-by-Design Flame Retardants

Invited Lecture IL3

Venue: LTU / A117

Time	Speaker	Title
13:00 - 13:40	Jozef Martinka *Slovak University of Technology in Bratislava*	Advances in flame retardants for wood-based products: towards non-toxic and bio-based solutions

ECOFRAM 2026

17 June 2026

Parallel Session PA2 Bio-Based Approaches to Fire Suppression and Protection

Chair: Aurelio Bifulco

Venue: LTU / A117

Time	Speaker	Title
13:40 - 14:00	Dan Belosinschi *UQTR (Universite du Quebec a Trois-Rivieres)*	Imparting permanent flame-retardant properties to lignocellulosic biomass via chemical grafting
14:00 - 14:20	Helena Arellano *Université de Lille - UMET Laboratory*	Multiscale design of bio-based firefighting foams for class A fire suppression
14:20 – 14:40	Anna Mária Rajnohová *University of Žilina*	Optical changes of thermal-insulation and fire-retardant coatings on oak wood

Parallel Session PB2 Fire Performance of Wood-Based Materials

Chair: Mazela Bartlomiej

Venue: LTU / A109

Time	Speaker	Title
13:40 - 14:00	Coskun Yarar *IMFSE - Lund University*	Effect of Natural Ageing on the Reaction-to-Fire Performance of Fire-Retardant-Treated Timber Façade Systems
14:00 - 14:20	Chia-feng Lin *Luleå University of Technology*	In-situ real-time observation of char growth during combustion in fire-retardant modified wood
14:20 – 14:40	Lydia Hammad *CSTB*	Study of the two-step decomposition of biobased wood fibre panels under smouldering using cone calorimeter

Plenary Session PL4 Sustainable Flame Retardant Treatments for Wood-Based Materials

Chair: Oisik Das

Venue: LTU / A117

Time	Speaker	Title
15:40 - 16:00	Christoph Preimesberger *Wood K plus - Kompetenzzentrum Holz GmbH*	Layer-selective flame retardant optimisation in particleboards
16:00 - 16:20	Peter Rantuch *Slovak University of Technology in Bratislava*	Development of a Bio-Based Fire-Retardant Coating for Spruce Sapwood Using Citric Acid, Glyoxal and Phosphate Additives
16:20 – 16:40	Igor Wachter *Slovak University of Technology in Bratislava*	Enhancing the fire performance of poplar wood via tannin-DAP impregnation and ammonia fuming
16:40 – 17:00	Organising Committee	Closing remarks

Programme subject to change.