



VI workshop on Flame Retardant Formulation, Processing and Sustainability

★★★★★ (142) participants

AIMPLAS and PINFA are glad to present the sixth edition of their Workshop on Flame Retardant Plastics. We will be delighted to see you face to face again on the 19th of April at AIMPLAS facilities. The workshop aims to give an overview of flame retardant additives and how polymers have to be formulated to achieve proper fire retardant properties according to application requirements. Moreover, the main tips for optimum processing will be explained as well as compounding process simulation to avoid flame retardant degradation which could cause product claims from clients. Sustainability will be discussed from different points of view: biobased and renewable resources solutions and chemical recycling.

Registration period

Until 18 April 2023 or full capacity



Date and Schedule

19 Apr 2023

8:30 AM - 5:00 PM



Duration

8 class hours



Location

AIMPLAS (entrance via
C/ Conde Alessandro
Volta, 1)



Price

AIMPLAS members
300€

Non-members: 350€

Dinner: 50€ (Restaurant TBA)

Programme

SESSION 1

- > 8:30 Registration of attendees
- > 9:00 Welcome remarks and opening. AIMPLAS and Pinfa
- > 9:10 Introduction to Flame Retardants: Types and mode of action. Tobias Moss and Corina Neumeister, PINFA
- > 10:00 Basics of flame retardant formulation of polymers. Pascal Amigouet, PINFA
- > 10:30 Optimizing compounding of flame-retardant formulations. Begoña Galindo, AIMPLAS
- > 11:00 Coffee break

SESSION 2

- > 11:30 Compounding simulation as a tool to optimize FR properties. Laurent Ratte, SCC Consultants
- > 12:00 Bio-based solutions for FR applications. Laurent Ferry, IMT Mines Alès
- > 13:00 Lunch and pinfa members' spotlight presentations
- > 14:00 Tour of AIMPLAS laboratories: extrusion, injection moulding, mechanical and chemical recycling and analytical labs
- > 15:00 Coffee break

SESSION 3

- > 15:30 Chemical recycling technologies and their application in FR additives. Mireia Fernández, AIMPLAS
- > 16:00 Reactive extrusion as a tool for synthesizing intrinsically flame-retardant polymers. Miguel Ángel Valera, AIMPLAS
- > 16:30 Sustainability in FR chemistry. Adrian Beard, PINFA
- > 17:00 Closing discussion and end
- > 20:00 SOCIAL EVENT. Dinner at restaurant TBA

Open calls

19 Apr 2023

8:30 AM - 5:00 PM

 AIMPLAS