

FIRE SAFETY AND SUSTAINABILITY IN STRATEGIC INDUSTRY SECTORS

How can Flame Retardants contribute

WEDNESDAY 15 NOVEMBER 2023

11.00 - 13.00 CET

ONLINE

A sector group of Cefic

SPEAKERS BIOGRAPHY



In 2010 I started so called “dual studies” at Phoenix Contact in Germany. This includes an apprenticeship as a process operator in plastic and rubber technology combined with a study in mechanical engineering with the specialization on plastics technology at the Universität of Paderborn. These two parallel branches interconnect particle work with plastics at the injection molding machine with the theoretical education in plastics technology at university. In 2017 I finalized my masters and began to work at Phoenix Contact as a Specialist plastics, where I’m still employed today. I’m responsible for the selection and evaluation of all the plastics for our products, which have to match with a lot of requirements (mechanical, electrical, product standards including fire behavior), finding alternative plastics, observing and evaluating future restrictions, which could have an impact on our products. Furthermore, I’m qualifying new plastics in our production and support our complaint management with my plastic expertise with several plastics analytics.

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Dr. HDR Eric Guillaume works in fire sciences since 1998. He formerly led the fire behaviour department of SNCF (French Railway), then changed company in 2005 to join LNE (The French National Laboratory for Testing and Metrology) as head of Fire safety studies department, and later as head of research for whole testing activities of LNE. Nowadays (since 2015), he works for Efectis France, first as Technical Director and more recently as General Manager of the company, leading one of the most important fire testing and fire safety engineering companies in Europe (With approx. 160 people and 25 M€ turnover)

Eric Guillaume is a fire expert involved in various missions, including laboratory development, teaching, standardization and regulation, fire toxicity and modelling fire behaviour of materials. In the field of fire safety, he is the author of more than 50 scientific publications, 27

book chapters and more than 200 conference acts. He is Technical advisor for fire safety for many French authorities, and active in standardization as chairman of the standardization committee ISO TC92/SC3, dealing with “Fire Threat to People and the Environment” and convenor of ISO TC61/SC4/WG2, dealing with smoke opacity and corrosivity for plastics.

Dr. HDR Eric GUILLAUME
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I am working in the cable industry with more than 20 years’ experience mainly involved in the domain of fire safety.
I have been managing a team developing innovative technologies, cable designs and a fire test lab accredited ISO 17025 and UL certified.
I am also active in the field of standardization members of different groups at national and international level.
I am especially Co-Convenor of the CLC TC20WG10 and the EUROPACABLE WG fire.

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Founded by Jürgen Troitzsch, Fire and Environment Protection Service (FEPS) provides international consultancy and scientific expertise related to fire, fire tests and standardization, plastics, flame retardants, and the environment.
www.troitzsch.com
Troitzsch has published articles, reviews, book chapters, organizes and chairs conferences, and presented over 250 papers.
He is editor of the Plastics Flammability Handbook (4th edition published in 2021).
<https://www.hanser-kundencenter.de/fachbuch/artikel/9781569907627>

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Henri Vahabi has been an associate professor, Habilitation, in the Department of Materials at the University of Lorraine, France since 2012. He received his Ph.D. in Materials Science from the University of Montpellier, France, in 2011. His main research interests include structure-property relationships in polymer systems and especially flame retardancy of polymeric materials and nanocomposites. He has authored over 150 peer-reviewed scientific articles, books and book chapters.

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MODERATORS



Adrian Beard is Head of Market Segments for the Flame Retardants Business Line of the Business Unit Additives. He is a senior expert in fire safety and environmental properties of phosphorus-based flame retardants. Since 2017, he chairs the association for non-halogenated phosphorus, inorganic and nitrogen flame retardants (Pinfa), as sector group of Cefic. He holds a doctorate in analytical chemistry from the University of Waterloo, Ontario, Canada and a diploma in geology from the University of Bayreuth, Germany.

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Sander Kroon is Director of Advocacy Europe at ICL-IP. Sander Kroon has a MSc degree from the University of Utrecht (The Netherlands) in Environmental Toxicology, and has a BSc degree in Analytical and Bio-chemistry. Previous to ICL he had various positions (Global Regulatory Affairs, R&D, Product Stewardship) in the chemical industry (ICL, Akzo Nobel, Supresta) and a consultancy (AquaSense). He represents ICL-IP in a number of (downstream) industry associations, with expertise in the fields of EU Chemical Legislation, Circular Economy, REACH, Global Emerging Regulations, Ecotoxicology, Risk/Hazard and Exposure Assessment and Monitoring.

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