



Webinar

What does product sustainability mean for tomorrow's fire safety?

T O DAY MORROW

7 July 2021
15.00-16.30 CEST

pinfa
A sector group of Cefic

KEYNOTE SPEAKERS



Sylvie Lemoine is the Executive Director Product Stewardship at Cefic where she is responsible for the key chemical legislation topics, including REACH, CLP, an EU framework for endocrine disruptors, sustainable products policy and now, the Chemicals Strategy for Sustainability.

Sylvie is a seasoned government affairs professional with more than fifteen years of experience in EU chemicals legislation. Before joining Cefic in 2019, Sylvie worked at Dow as Senior Government Affairs Manager and prior to this she was Director for Technical and Regulatory Affairs in A.I.S.E., the International Association for Soaps, Detergents and Maintenance products.

Sylvie Lemoine holds a PhD in Organic Chemistry from the Louis Pasteur University in Strasbourg, France and started her career as in ExxonMobil Chemical.

Sylvie Lemoine
Executive Director, Cefic



Margaret McNamee is Professor in Fire Safety Engineering at Lund University in Sweden. She has her technical expertise in understanding and characterising the environmental impact of fires and has worked in the field of fire and combustion research for more than 30 years. Margaret is active in the International Association of Fire Safety Science (IAFSS) and was the first author of the IAFSS position paper on fire safety research challenges for the future – *IAFSS Agenda 2030 for a Fire Safe World*.

Margaret McNamee, Professor
Fire Safety Engineering | Lund University
Web: www.brand.lth.se

PANELLISTS



Dr Laurent Tribut is a polymer expert; he got his PhD at Applied Science National Institute of Lyon, France. In 2006, he started working for Nexans research Center in Lyon as R&D engineer for development of flame retarded and fire-resistant insulating materials for wires and cables. He had in parallel the responsibility of a laboratory dealing with failure analysis and reverse engineering. He joined Schneider Electric in 2013 as polymer expert leader in corporate laboratory supporting all business units in polymer characterization. Since 2020, he took new position in polymer expertise for power breakers application in Materials and environment corporate team. He is also member of different IEC standardization working groups and member of the advisory board of PINFA.

Dr Laurent Tribut

Materials and environment team – Core Platforms and Technologies

Laurent.tribut@se.com



Dr Michel Cassart, graduated as an Engineer in Material Science, started his professional career by working in an Academic Research Environment where he achieved a PhD. He moved to an industrial environment in 1995, while he simultaneously achieved a Master in Business Administration (MBA) in 2002. During more than 20 years he has built up an industrial experience in Plastics by occupying various management positions in R&D, Customer Services, Polymer Production Process, Business Management & Business strategy. In 2016 he joined PlasticsEurope to coordinate Food Contact, REACH and some sector groups' activities.

Recently Michel moved to the position of Sustainable Use Director coordinating all activities related to the sustainable use of plastics and the covering of topics, such as safety of plastics and microplastics.

PlasticsEurope, one of the leading European trade associations, is representing more than 100 member companies, producing over 90% of all plastics polymers across the EU27 member states plus Norway, Switzerland, Turkey and UK.

Dr Michel Cassart

PlasticsEurope



Professor Jacob de Boer is professor in Environmental Chemistry and Toxicology. He is also Editor-in-Chief of Chemosphere (Elsevier). In 2013 he was appointed by the Chinese government as National Expert for China for the period 2013-2018. He is a member of the CEFIC LRI Scientific Advisory Panel (ESAP), the Board of the International BFR symposia series, the Reference Material Review Panel of the EU Joint Research Centre in Geel, Belgium and the QUASIMEME Scientific Advisory Board. He has coordinated a number of European Research projects and a large number of research projects for international organizations and industries. He has published over 230 peer reviewed articles, 20 book chapters and one book on the analysis and monitoring of environmental contaminants. He has organized many workshops,

is a regular contributor to radio and television documentaries and news programs on chemical substances, and he is a regularly invited speaker at international symposia.

Professor De Boer has worked for more than 45 years on the contamination of the environment with persistent organic pollutants such as polychlorinated biphenyls (PCBs), brominated and organophosphorus flame retardants, chlorinated paraffins and many other contaminants. Nowadays, he is also working on per fluorinated compounds (PFAS). He gained a lot of experience in the organisation of international interlaboratory studies on contaminants. He is an advisor for the United Nations Environment Program and various other international organizations. He is member of the editorial board of the *Handbook of Environmental Chemistry* (Springer), and was guest-editor of special issues for *Trends in Analytical Chemistry* (2006, 2013), *Chemosphere* (2008, 2010, 2013, 2016, 2020), *Molecular Nutrition and Food Research* (2008), and *Journal of Chromatography A* (2009).

Professor Jacob de Boer

Vrije Universiteit Amsterdam Dep. Environment & Health



Dr. Lauren Heine applies green chemistry, green engineering, alternatives assessment and multi-stakeholder collaboration to develop tools that result in safer and more sustainable chemical products and processes. Her work with ChemFORWARD builds on prior experience developing *GreenScreen® for Safer Chemicals*, a pioneering method for chemical hazard assessment to enable informed substitution; and *CleanGredients™*, a web-based information platform for identifying greener chemicals for use in cleaning products; both tools designed to scale access to information needed to develop materials and products that are safe and circular. Lauren worked closely with the US EPA Safer Choice Program (formerly Design for the Environment (DfE)) to facilitate development of ingredient and hazard criteria for the Safer Choice Program and served on Steering and Technical Committees for the DfE Alternatives Assessment Partnerships.

For the OECD, Lauren drafted *Policy Principles for Sustainable Materials Management and Considerations and Criteria for Sustainable Plastics from a Chemicals Perspective*. She served on the California Green Ribbon Science Panel and co-chairs the Apple Green Chemistry Advisory Board, tasked with helping to integrate green chemistry into Apple's products and supply chain. Lauren advised the technical development of the Interstate Chemicals Clearinghouse Alternatives Assessment Guide and the WA Alternatives Assessment Guide. She began her career as a Fellow with the American Association for the Advancement of Science (AAAS) in the Green Chemistry Program at the US Environmental Protection Agency.

Lauren earned her doctorate in Civil and Environmental Engineering from Duke University. She taught chemistry labs at Bowdoin College and was adjunct faculty in the Center for Engineering Design & Entrepreneurship at Gonzaga University.

Lauren Heine, Ph.D.

Director of Science & Data Integrity

Cofounder, ChemFORWARD

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Dr. Stefan Kienzle

1961 Born in Stuttgart / Germany

1982 University Mechanical engineering

1988 Daimler-Benz production / tooling engineering - *AI-based development of new body technologie - development computer-based diagnosis system for vehicle electronics*

1997 Head of DaimlerChrysler merger strategy-team “Global Purchasing Leader Cost Opportunity Team “

2002 Sen. Manager engineering exterior, body, cabin and materials

2004 Director GroupResearch Production Technologies , Structural materials

2005 Member of advisory board Fraunhofer Society

2007 Member of German Federal Material/simulation strategy council, Berlin (BAM)

2010 University Karlsruhe, KIT, Lecturer “CAE/Multimaterial Car-Body Design”

2012 Director Adv.Engineering Lightweight/Manufacturing/Body&Powertrain - *first 3D serial parts for DAIMLER - first NANOSLIDE Engine coatings systems - first complete CAE Car-Body simulation*

2015 Director Adv.Engineering Body, Components, Light, Interior, Exterior - *next generation Mercedes Rear wheel platform S-Class - development of first MERCEDES purpose design EV platform EQS - Initiating of “Start-Up Autobahn” as nucleus for DAIMLER’s start-up strategy*

2019 Independent Senior Consultant after closure of DAIMLER’s R&D location Ulm

2020 Technical University Wien Lecturer “Car Body Technologies next generation”

Dr. Stefan Kienzle

Senior Executive Consultant & Former Director of Advanced engineering at DAIMLER AG

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Joachim Stricker received a degree in plastic engineering from RWTH Aachen in 1994.

Mr. Stricker began his professional career in the automotive harness business. He worked for important companies, in the area of manufacturing of harness components, serving in various positions: logistics and project manager, technical assistance manager and production manager.

After joining Radici Plastics GmbH – member of the RadiciGroup Plastics - in 2004 as regional sales manager he changed in 2007 to the “Application & Technical Service”.

Starting from 2009 his role was extended to “Marketing and Technical Service” becoming the “technical responsible” mainly for global customers in RadiciGroup Performance Plastics.

Since January 2019 Mr. Stricker has taken over the role of the “Focal Team Leader” regarding the marketing activities in Electric & Electronic industry in RadiciGroup High Performance Polymers.

Mr. Joachim Stricker

Marketing & Technical Service

RadiciGroup High Performance Polymers

Email: joachim.stricker@radicigroup.com

MODERATOR



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.

Adrian Beard

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