

Title: Designing and delivering professional training on occupational health and safety of nanomaterials and advanced materials: experiences and guidance from PEROSH

Date: 1st December 2023

Time: 14:00 - 15:30 CET

Program

14:00 – 14:10 Introduction, Jan Michiel Meeuwsen, PEROSH

14:10 – 14:25 **“The PEROSH project on training on emerging risks in R&D and production of advanced materials and nanomaterials”**, Fabio Boccuni, INAIL (Italy)



Fabio Boccuni is graduated in Engineering at the University "Sapienza" of Rome in 2003. At present he is a senior researcher at the Department of Medicine, Epidemiology, Occupational and Environmental Hygiene (DiMEILA) of INAIL, for which he carries out research on emerging risks for health and safety in the workplace, with particular reference to the assessment and management of risks associated with new technologies and innovative materials and nanomaterials. Since 2021 he is part of the Italian Delegation at

OECD Working Party on Manufactured Nanomaterials and in charge for the Exposure Working Group, and project leader on “Training risks in Research & Development and production of new and advanced materials and nanomaterials: providing systematic approaches (Nano-Training)” promoted by the PEROSH network. He was also speaker at over 50 conferences and seminars of national and international interest in the field of health and safety at work and is the author of over 100 publications including peer-reviewed articles in scientific journals, book chapters, monographs and abstracts for conference proceedings.

14:25 – 14:40 **“Training practices on nanomaterials and advanced materials for workers safety and health: common training needs, challenges and advices from stakeholders”**, Andrea Porcari, AIRI (Italy)



Andrea Porcari, Laurea (M.Sc.) degree in physics, and several years of experience in working in the semiconductor industry. Project manager at Airi (Italian Association of Industrial Research), a not-for-profit organization working with research, industry, financial organizations, public bodies and civil society organizations on strategies and policies for Science and Technology (S&T) development. He joined Airi in 2005, contributing to 20+ European and national projects aiming to promote emerging and enabling technologies, and safety and sustainability practices in industry. His current interests are related to technology assessment, technology transfer, risk analysis, and multi-stakeholder dialogues on S&T. He is

member of the OECD-WPMN working group on Safe(R) Innovation Approach (SIA), and of the UNI Technical Committee on Nanotechnologies. Most recent activities related to safe

and sustainable by design include the Horizon 2020 Gov4Nano and the Horizon Europe projects Repoxyble and Bioring on the application of SSbD to composites and coatings.

Andrea Porcari, Project Manager
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14:40 – 15:00 **“Specific needs and expectations: Workers & Employers main issues and challenges to address practical advices”, Neeraj Shandilya, TNO (The Netherlands)**



Neeraj Shandilya is working as Innovation Scientist at TNO for the last 7 years. He obtained his Doctorate degree in Industrial Process Engineering in 2015. His research focuses on safe development and risk management of chemicals and materials. His expertise lies in the fields of aerosol dynamics, material science and occupational hygiene and has authored many papers in the same fields.

15:00 – 15:20 **“Specific needs and expectations: OSH professionals’ main issues and challenges to address practical advices”, Araceli Sanchez, INSST (Spain)**

Araceli Sánchez works as a researcher and consultant on health and safety at the Spanish Institute of Health and Safety (INSST). She received a PhD on Air pollution and Health from Strathclyde University and a MSc on Occupational Hygiene by Manchester University. Her expertise is on the assessment of exposure and risk of chemicals, especially on occupational settings. Over the last 15 years she has been actively involved on the development of methodologies and models for the risk assessment of manufactured nanomaterials (MNs). She is part of the Spanish Delegation at the OECD Working Party on MNs where currently is involved on the project “Safer and Sustainable Innovation Approach (SSIA) for more sustainable nanomaterials and nano-enabled products”.

15:20 – 15:30 Q&A