

# Terminology and Classification of Per- and Poly-Fluoroalkyl Substances (PFAS)

**5<sup>th</sup> December 2024 | 15:00 (CET)**

Room Pedferri- Building 6  
Politecnico di Milano  
Piazza Leonardo da Vinci 32 (Milano)

Per- and poly-fluoroalkyl substances (PFAS) have become an issue of global concern. The primary aim of this project is to establish a rigorous definition of PFAS, which takes into consideration the physical-chemical properties of the different classes of fluorinated compounds. Standardizing terminology, classification, and nomenclature of PFAS is expected to facilitate communication and understanding among all the involved players, from research institutions to industrial companies, and regulatory agencies, in agreement with IUPAC's mission of providing a common language for chemistry and promoting free exchange of scientific information.

Chairperson: Valentina Dichiarante (Politecnico di Milano, Italy)

- 15.00** Opening Remarks  
Pierangelo Metrangolo (Politecnico di Milano, Italy) & Timothy J. Wallington (University of Michigan, USA)  
*Chairs of the project no. 2024-006-3-100*
- 15.15** EU-PFAS Restriction: State of Play  
Martijn Beekman  
*European Commission, DG GROW, Unit F1 – REACH, Bruxelles (Belgium)*
- 15.30** The Diversity of Physicochemical Properties Among the Class of Per- and Polyfluoroalkyl Substances  
Dimitrios K. Papanastasiou  
*Buffalo Research Laboratories, Energy & Sustainability Solutions, Honeywell International Inc., New York (USA)*
- 15.45** The Dose Makes the Poison, Not the Name  
Janet Anderson  
*GSI Environmental Inc., San Antonio, Texas (USA)*
- 16.00** Reconciling Terminology of the Universe of Per- and Polyfluoroalkyl Substances: Recommendations and Practical Guidance  
Zhanyun Wang  
*Empa - Swiss Federal Laboratories for Materials Sciences and Technology, Technology and Society Laboratory, St. Gallen (Switzerland)*
- 16.15** PFAS: Is it Possible to Avoid Misunderstandings?  
Patrizia Maccone  
*Head of Radical Polymers R&D, Syensqo (Italy)*
- 16:30** REACH's Polymer Definition May Misclassify Certain Fluorosurfactants Thwarting Regulatory Efforts  
Sara Valsecchi  
*Water Research Institute - National Research Council (Italy)*
- 16.45** Concluding remarks  
Pierangelo Metrangolo & Timothy J. Wallington

Participation at the event is free, but registration is mandatory at this [link](#)