

---

## Short CV

---

**Dr. Marie VERRIELE-DUNCIANU**

 marie-verriele  
 AAE-1572-2021  
 0000-0002-3043-19915  
 18533925

**Current Position : Full Professor at IMT Nord Europe**

Centre d'Enseignement, de Recherche et d'Innovation *Energie & Environnement*

📍 941, rue Charles Bourseul

☎ 03 27 71 24 80

BP 10838 - 59508 Douai cedex, France ✉ [marie.verriele@imt-nord-europe.fr](mailto:marie.verriele@imt-nord-europe.fr)

### Professional experience and education

Since 2024	Professor in Indoor Environment Quality at the Centre for Energy and Environment of IMT Nord Europe
2024-2022	Associate Professor at the Centre for Energy and Environment of IMT Nord Europe
2021	HDR diploma « Qualité de l'air et nuisances odorantes : Métrologie et cartographies des polluants gazeux, exposition et perception » - University of Lille, France
2022-2012	Assistant Professor at IMT Nord Europe
2011	PhD, funded by PSA Group « Influence of the nature of the materials and their use as automobile parts on the quality of the air inside a vehicle cabin »
2008	Master in Fine Chemistry – University of Le Havre

**Research interest : # Indoor Air Quality – Volatile Organic Compounds Monitoring - Gas/Surface Interactions – Thermal comfort - Management of environmental odor nuisances**

My research activities are based on knowledge on physico-chemistry of the atmosphere applied to two socioeconomic and health issues: indoor air quality and environmental odor nuisances. My research areas cover several strategic domains: the metrological development for the sampling and measurement of Volatile Organic Compounds (VOCs), including odorous VOCs ; the understanding the key drivers of indoor air quality: emissions / gas-surface interactions / fate of pollutants / aeraulics ; the investigation of indoor air pollution remediation solutions ; the development of approaches based on objectivized olfactory analysis to manage odour environmental nuisances (indoor and outdoor env.).

**I'm now open to projects that encompass the quality of indoor environments including aspects related to exposure to pollutants, health issues, olfactive and thermal comfort in the framework of climate change and building environmental transition.**

### Research supervision, leadership and research impact :

6 postdocs | 14 PhD co-supervising (4 ongoing)

Scientific co-leader of the "Indoor Environment Quality Group" at CERI EE, IMT Nord Europe

Member of the Afnor Commission X43-B

35 peer-reviewed papers (h-index 13) ; 60 communications in international conferences