UNIVERSITÀ DEGLI STUDI DELL'INSUBRIA

DEPARTMENT OF SCIENCE AND HIGH TECHNOLOGY

PHD PROGRAM IN CHEMICAL AND ENVIRONMENTAL SCIENCE

March, 22nd 2024, 09:30 – Como, Via Valleggio 11, Room VA2

INDOOR AIR QUALITY: CURRENT FRAMEWORK AND NEW TRENDS

09.30 Paolo Carrer – Indoor air quality: effects on health and comfort

Paolo Carrer is full professor of Occupational Medicine and Director of the Occupational Health Unit at the University of Milan. His research activity focuses on indoor and outdoor air quality and related health effects, health risk assessment of chemicals, prevention activities in hospitals.

10.00 Viktor G. Mihucz - A new framework for indoor air chemistry measurements: findings from the INDAIRPOLLNET COST action

Viktor G. Mihucz is associate professor at the Institute of Chemistry, Faculty of Science, ELTE - Eötvös Loránd University, Budapest, Hungary. He works primarily in the field of atomic spectrometric techniques and their hyphenation with liquid chromatography as well as high-performance liquid chromatography – mass spectrometry with emphasis on Environmental Analytical Chemistry.

10.30 Dikaia Saraga - Source apportionment methods applied to indoor environments

Dikaia Saraga is Associate Researcher at the Institute of Nuclear & Radiological Sciences and Technology, Energy & Safety (INRASTES), NCSR 'Demokritos', Athens. Her research interests focus on air pollution and climate change abatement as well as air pollution and population health relationship.

11.00 Sofia Sousa - Low-cost sensors for indoor air quality: Features and applications

Sofia Sousa is Assistant Researcher at the University of Porto. Her major research topics are: impact of air quality on public health, assessment and management of air quality, atmospheric emissions from shipping, indoor air quality and its impact on childhood asthma, epidemiology, low-cost sensors for air quality measurements, air quality modelling.

11.30 Emanuele Cauda - The future of real time monitoring

Emanuele Cauda is a researcher at the National Institute for Occupational Safety and Health (NIOSH, CDC) and the Director of the NIOSH Center for Direct Reading and Sensor Technologies in the U.S. His research focuses on characterizing, monitoring, and controlling aerosols in occupational environments and specifically respirable dust, silica, and diesel particulate matter.