

Prof. Claudia L. Bianchi is a Full Professor of Industrial Chemistry at the University of Milan, leading the ISMER Laboratory. As Coordinator for the Master Degree in Industrial Chemistry, she is a renowned expert in industrial catalytic processes and environmental technology. Her scientific journey, starting with her graduation thesis, focuses on X-ray Photoelectron Spectroscopy to understand catalyst surface properties and their industrial applications.

Bianchi excels in developing photocatalytic materials, particularly micro- and nanostructured ones, aimed at pollutant degradation and sustainable energy production. Her research emphasizes optimizing photocatalytic efficiency through surface modification, material composition, and morphology. Her expertise extends to Life Cycle Assessment (LCA), where she certifies the environmental impact of products and processes, furthering her commitment to sustainability. Bianchi also consults for the industrial sector, advising on chemical processes, environmental compliance, and eco-friendly practices, ensuring that her research is applied effectively in real-world scenarios.

With over 300 papers published in international journals, an H-index of 55 (Scopus), and three patents, Bianchi's contributions to science are substantial, making her a key figure in both academic and industrial spheres.