



**POLITECNICO
MILANO 1863**



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Luigi Pietro Maria Colombo is Vice Rector of the Piacenza Territorial Campus and Full Professor of Thermal Engineering and Industrial Energy Systems at the Department of Energy of Politecnico di Milano. His research focuses on heat and mass transfer, with particular emphasis on single- and two-phase convective phenomena, heat transfer technologies, and the analysis of industrial energy systems. Over the years, he has developed advanced experimental methodologies, including innovative optical measurement techniques, for the characterization of thermo-fluid dynamic phenomena.

He heads the Multiphase Flow Laboratory within the Department of Energy, where he coordinates research on the fluid dynamics of air-oil-water mixtures, as well as on the boiling and condensation of pure fluids and azeotropic and zeotropic mixtures.

He has long been actively involved in teaching and academic governance, serving in leadership roles for the Energy Engineering degree programme and the PhD Programme in Energy and Nuclear Science and Technology. He also served as Chair of the Joint Committee of the School of Industrial and Information Engineering and is a member of the Executive Board of the Italian Association of Thermal Engineering, with responsibility for education and training initiatives.



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