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## SHORT BIO:

**Matteo Ambrosetti** is an assistant professor at Politecnico di Milano, Energy Engineering department since 2023. He graduated in Energy Engineering (2015) and he holds a PhD in Energy and Nuclear Science and Technology (2019) at Politecnico di Milano. Matteo Ambrosetti is a member of the Laboratory of Catalysis and Catalytic Processes. His research activity focuses on the study of transport properties of innovative catalyst supports ( open cell foams, 3D printed structures) and their application for process intensification of environmental and energy-related applications, in particular methane steam reforming. He is also studying options to intensify endothermic catalytic processes with Joule heated reactors. He is involved in several national and international processes, alongside with industrial cooperations. He is author/co-author of 34 peer-reviewed articles, two book chapters and 3 patent applications and more than 40 contributions presented in scientific conferences.