

Elisa ZANELLA_CV

PhD student in Industrial Chemistry at the Università degli Studi of Milan with a research project titled: "Innovation and optimization of the hydrogen transport and distribution chain as a green and renewable energy vector", in collaboration with Regas spa. The project is related to the study of methods of purification and storage of hydrogen through the electrochemical hydrogen compressor (EHC) that allow the purification and compression of this gas. More specifically it focuses on the separation of hydrogen from natural gas and his successive compression, optimizing the operative conditions and the main elements that are in the electrochemical cell, as the membrane and catalyst.

She got a master's degree in chemistry with a thesis concerned nanomaterials and heterogeneous catalysis, regarding the production and usage of sustainable energy sources.