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Daniele Melideo is an Aerospace Engineer and he got the PhD in Nuclear and Industrial Safety at the University of Pisa. He is currently working as Assistant Professor at the Department of Energy, Systems, Territory and Construction (DESTEC) at University of Pisa, performing research activities in the field of hydrogen for storage, use and transport, in particular using modelling tool such as Computational Fluid Dynamics (CFD); he is also managing Horizon 2020 funded Projects in the field of energy. Before moving to the University of Pisa he has been working as Scientific Officer at the Institute for Energy, Transport and Climate of the Joint Research Centre of European Commission in Petten (The Netherlands), performing research activities related to safety assessment of hydrogen technologies (e.g. hydrogen vehicles, storage and infrastructures) and applications.

He participated in several International and EU funded Projects related to CFD code development, validation and application. He is Member of the Scientific Committee of the International Conference on Hydrogen Safety, Panelist of the Research Priority Workshop on Hydrogen Safety and Member of the IEA (International Energy Agency) HIA (Hydrogen Implementing Agreement) Task 37 - Hydrogen safety task. He has been also member of the European Hydrogen Safety Panel.