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Daniele is an Aerospace Engineer and he got the PhD in Nuclear and Industrial Safety at the University of Pisa. He is currently working as Research Project Manager at the Department of Energy, Systems, Territory and Construction (DESTEC) at University of Pisa, managing Horizon 2020 funded Projects in the field of energy; he is also performing research activities in the field of hydrogen safety for storage and transport. 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, in particular using modelling tool such as Computational Fluid Dynamics (CFD). Daniele was responsible for HIAD 2.0 database, which is collaborative and communicative web-based information platform: it is a repository of data defining events related, directly or indirectly, to hydrogen safety.

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 and Panellist 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