



Claudio Pistidda

Head of Department, Institute of Hydrogen Technology, Helmholtz-Zentrum Hereon

claudio.pistidda@hereon.de

<https://www.researchgate.net/profile/Claudio-Pistidda>

<https://www.linkedin.com/in/claudio-pistidda-0bb6106/?originalSubdomain=de>

After receiving his M.Sc. degree in Inorganic and Physical Chemistry at the University of Sassari in Italy in 2006, Dr. rer. nat. habil. Claudio Pistidda carried out his PhD studies at the Department of Nanotechnology at the Helmholtz-Zentrum Geesthacht (now Helmholtz-Zentrum Hereon) and partially in the Institute of Nanotechnology at the Karlsruhe Institute of Technology (KIT). In 2020, he received the Italian habilitation for the full professorship in the field of “Models and methodology for chemical sciences”. In 2021, he received his habilitation for university teaching in the field of “Materials Engineering” at the Helmut Schmidt University in Hamburg.

Since 2022, Claudio has led the department of Materials Design at the Institute of Hydrogen Technology, Helmholtz-Zentrum Hereon where he also led the Material Research Group between 2013 and 2021. The focus of his research activities includes the development of materials and systems for hydrogen storage and compression. As a result of his scientific research, he has published more than 140 peer reviewed scientific articles, organised several symposia on the development of materials for energy storage applications, and has been involved in several national and international projects related to the development of materials for hydrogen storage applications.

Since 2014, he has been a lecturer of Materials Technology and Energy Storage Technology for both undergraduate and graduate level students at Helmut Schmidt University in Hamburg. Since 2023, he has been one of the lecturers of “Chemistry of the Hydrogen Economy” at the Faculty of Mathematics and Natural Sciences of the Christian-Albrechts-Universität in Kiel.