

Simona Bennici is a CNRS permanent researcher at the “Institute of Material Science of Mulhouse” (IS2M), France. She joined in 2007 the "Clean and Renewable Energies" team at IRCELYON where she mainly worked in the “energy storage” domain.

She obtained her PhD in December 2005 in Industrial Chemistry at the University of Milano (Italy). She has done a postdoctoral fellowship on "Spectroscopic Process Control" at Utrecht University (The Netherlands) in 2006, and obtained the HDR (Habilitation) in 2013.

In 2011 she obtained the bronze medal of the CNRS for her work concerning hydrogen storage and calorimetry, and since September 2016, she joined the IS2M of Mulhouse where she heads the "Transfers, reactivity, materials and clean processes" group.

Her research interests concern heat storage, biomass valorization (pyrolysis and gasification), catalysis (preparation and characterization of oxide materials), and the study of adsorption/desorption phenomena.

During her academic carrier she supervised and co-supervised 10 PhD students, 19 master students, 17 undergraduate students and 8 postdocs.

She published 68 articles in international journals, 2 chapters of books, 1 patent, and presented 60 communications and more than 100 poster presentations in national and international conferences.