

Siglinda PERATHONER gained her PhD in Chemical Science in 1988 working on the photophysics and photochemistry of supramolecular systems with V. Balzani and Nobel Laureate J.M. Lehn. From 2001 she joined the University of Messina and is associate professor of Industrial Chemistry presently. She has coordinated many EU projects in the area of nanomaterials, catalysts and sustainable chemical processes. Between the awards and recognitions, the special Award in 2008 by "Altran Foundation for Innovation", for the project on the development of artificial trees for the conversion of CO<sub>2</sub>, the finalist position in 2010 for the European Sustainable Chemistry Award (EuCheMS), the participation in 2011 to the "NanoInLife" movie produced from the European Commission to show to the public the results of nanotechnology. Her recent research interests include nanostructured zeolites, catalytic membranes, catalysts for waste water purification and remediation, photo(electro)catalytic conversion of carbon dioxide, and fuel cells.

She is active from over 20 years in the field of catalysis and author of about 300 publications and several lectures at International Congresses, as well as co-Editor of various books (between which Sustainable Industrial Chemistry and Green Carbon Dioxide: Advances in CO<sub>2</sub> Utilization by Wiley) or special issues of international journals of catalysis. She contributed to various Handbooks and Encyclopedia, between which on "Reduction of greenhouse gas emissions by catalytic processes" in Handbook of Climate Change Mitigation and on "Artificial Leaves" in Kirk-Othmer Encyclopedia of Chemical Technology. Furthermore, she is co-author of several reviews on International Journals and was chairperson of various international meetings, workshops and symposia on catalysis. Current h-index (Google citations) is 55 (about 12.00 citations), with i10 index of 191.