

Livia Giordano is an Associate Professor at the University of Milano-Bicocca in Italy. From 2013 to 2021 she worked at the Massachusetts Institute of Technology, where she led the computational chemistry research in the Electrochemical Energy Laboratory at the Department of Mechanical Engineering. In 2019-2021 she also served as program manager of the Low Carbon Energy Center for Energy Storage for the MIT Energy Initiative. She obtained her PhD in Material Science from the University of Milano-Bicocca in Italy and joined the faculty there in 2007. Her research applies fundamental understanding in reaction mechanisms and reactivity trends to design new materials for energy storage and conversion, with a focus on electrode/electrolytes interfaces in Li-ion batteries, novel electrolytes, and oxygen electrocatalysis. Her work has contributed to the discovery of new catalysts for the oxygen evolution reaction and electrolyte design in Li-ion and Li-air batteries.