



Luigi Osmieri obtained his Ph.D. degree in Chemical Engineering in 2016 from the Politecnico di Torino, Italy. From 2017 to 2020 he was a postdoctoral researcher at the National Renewable Energy Laboratory. Currently he is a Scientist in the MPA-11 Group at Los Alamos National Laboratory. His main research interests are: (i) development of PGM-free electrocatalysts for oxygen reduction, oxygen evolution, hydrogen evolution, and carbon dioxide reduction reactions, (ii) electrocatalysis, (ii) testing of polymer electrolyte fuel cells and water electrolyzers, (iv) electrode structure engineering for electrochemical energy conversion devices, and (v) development of in-situ electrochemical diagnostics techniques.