

Dr. Cigdem Toparli



Dr. Toparli received her Bachelors of Science degree in Metallurgical and Material Science Engineering in 2011 from Istanbul Technical University. She pursued her PhD studies under the supervision of Prof. Dr. Andreas Erbe at Max Planck Institute for Iron Research in Germany. Her thesis focused on in situ and operando observation of passive film formation on Cu and its breakdown through oxygen evolution reaction (OER). Having been awarded her PhD degree in July 2017, she continued her work in the Interface Spectroscopy group at Max Planck Institute for Iron Research as a postdoctoral researcher for several months. She joined Prof. Dr. Bilge Yildizs' and Prof. Dr. Michael Shorts' group at MIT as a postdoctoral associate in January 2018. Her current work focusses on the development of hydrogen and crud resistant coatings for Nuclear reactors and Geothermal systems.