

Stefano Marchionna – RSE SpA – Short CV

Stefano Marchionna is the team leader of the “Materials for Energy” research group at the department of “Technologies and Materials for energy generation” of RSE SpA. The research activities of his research team cover a lot of families of materials, crucial to make the energy transition more sustainable: from H₂ production to alkaline-ions batteries passing through membrane reactors for gas separation. After his Master degree (2003) and PhD in Material Science (2006) at the University in Milano Bicocca, he has worked with different roles in two private companies focused on the development of materials for PV applications. Moving in RSE, in the last decade, he has exploited his knowledge like process engineer optimizing the synthesis of MAX phases for electrochemical application in LIB and NIB devices. His skills are not only focused on solid state material synthesis/sintering but are completed by a robust knowledge on chemical physical characterization techniques including in-operando measurements.