Dr. Céline Merlet is a CNRS researcher at Université Paul Sabatier in Toulouse. She received her PhD degree in 2013 from Université Pierre et Marie Curie in Paris where she had worked on molecular simulations of carbon-carbon supercapacitors. She then joined the University of Cambridge as a postdoctoral researcher working on simulating NMR spectra and diffusion of ions in energy storage materials such as porous carbons and lithium manganese oxides. Since 2017, she has been working at the CIRIMAT laboratory on the development and application of multi-scale models for a better understanding and performance prediction of electrochemical energy storage systems. She was awarded with ERC starting grant in 2017. In 2018, she received the Prix Louis Armand in Chemistry, a prize awarded by the French "Académie des Sciences", and in 2021, she received the Bronze medal of the CNRS and the PRACE Ada Lovelace Award.