SHORT BIO:

Rémy Guillet-Nicolas received his PhD in material chemistry at the University Laval, Quebec, QC, Canada. He spent four years working in adsorption industry at Quantachrome, Florida, U.S.A. before going back to academia as a research assistant at the Universität Wien, Vienna, Austria. Since October 2020 he is a permanent CNRS researcher in Caen. The focus of his research is in the field of (nano)porous materials with tailored and on-demand physico-chemical properties. His main expertise lies in the accurate characterization of hierarchical and/or complex pore architectures using advanced static and dynamic sorption techniques at low and high pressures. He also has a solid experience in the synthesis and application of nanoporous materials for catalysis, gas separation, storage and bio-applications. His main interest is the fundamental understanding of the synthesis-properties-performance relationship in porous materials using advanced experimental and modelisation techniques. Currently, his multidisciplinary research is focused toward the optimization of zeolitic materials for energy applications. He is an elected member of the direction board of the Adsorption French Association, the French Zeolite Group and the French Chemical Society. Rémy has authored/co-authored more than 45 scientific papers, reviews and book chapters and patents. He has given more than 25 presentations, incl. invited plenary and keynote lectures at prestigious international scientific conferences, universities and industries all over the world. In addition, he has been co-chairing various important scientific conferences (e.g. the CPM workshop series) and symposia in the field of adsorption and materials characterization.