Enrico Masoero

Enrico Masoero is Associate Professor in Mechanics of Materials and Structures at Politecnico di Milano. He obtained his PhD in Structural Engineering at Politecnico di Torino (2010), with a dissertation on particle-based simulations of building collapse. During his postdoc at MIT (2010-2013) his research shifted to the nanoscale of cement hydration. The following ten years as a Lecturer and Senior Lecturer in the U.K. shaped his current interest in chemo-mechanical simulations of microstructure formation and degradation, especially for concrete in energy-related applications. Enrico has authored various papers in international journals, including in Physical Review Letters, PNAS, ACS Journal of Applied Materials and Interfaces, and Cement and Concrete Research. He is involved in several technical committees of leading international associations working on concrete.