

Biographical Sketch

NIKOS KARADIMITRIOU is currently working as a Post-Doctoral Researcher at the Institute of Mechanics (CE), Stuttgart University, Germany. He has a B.Sc. in Physics from the University of Patras, Greece, and an M.Sc. in Atomic Physics from the National Technical University of Athens, Greece, where for 3 years he had been working as a Research Assistant, developing LASER sources and studying their interaction with matter. In 2009 he moved to the Netherlands as a Ph.D. candidate with the Department of Earth Sciences, Environmental Hydrogeology Group, Utrecht University, The Netherlands, and in 2013 he received his Ph.D. In 2014 he moved to the University of Manchester, where he worked as a Post-Doctoral Research Associate, until February 2018, when he moved to Germany taking over his current position. His work mainly focuses on the study of multi-phase flow and transport in natural and artificial porous media. This includes displacement processes, dispersion under saturated and unsaturated conditions, colloid transport, electro-kinetics, etc. His work also includes the development of experimental setups for optical, fluorescent, confocal and thermal visualization of flow, as well as the design and manufacturing of artificial porous media with very well defined physical, chemical, and hydraulic properties.



WWW.INTERPORE.ORG/VALENCIA