SHORT BIO

Dr. Nikolaos Diangelakis is a lead optimisation engineer at Octeract Ltd. since 2019. Prior to that he was a postdoctoral research associate at Texas A&M University and Texas A&M Energy Institute (2017-2019). He holds a PhD from Imperial College London (2013-2017), under the supervision of Prof. E. N. Pistikopoulos and has been a member of the "Multi-parametric Optimization and Control Group" since late 2011, when he was pursuing his M.Sc. on Advanced Chemical Engineering. He earned his bachelor degree from the National Technical University of Athens (2005-2011).

His research interests are on the area of optimal receding horizon strategies, non-linear, data-based and robust optimisation. More specifically, his research focuses on the development of control and scheduling policies of chemical and energy processes while simultaneously optimising their design. Furthermore, Nikos was one of the current main developers of the PARametric Optimization and Control (PAROC) platform and the Parametric OPtimization (POP) toolbox. In 2016 Nikos was chosen as one of five participants in the "Distinguished Junior Researcher Seminars" in Northwestern University, organised by Prof. Fengqi You. He is the coauthor of 18 peer reviewed articles, 13 conference papers, 3 book chapters and 2 books on “Multi-parametric Optimization and Control” (John Wiley & Sons, 2020) and “Integrated process design and operational optimization via multi-parametric programming” (Morgan & Claypool Publishers 2020).