

Maria Papathanasiou

Dr Maria Papathanasiou is a Senior Lecturer (US Associate Professor) at the Department of Chemical Engineering, Imperial College London. She holds a PhD degree in Process Systems Engineering from the Department of Chemical Engineering at Imperial College London and an MSc from the same department. She completed her undergraduate studies at the School of Chemical Engineering, National Technical University of Athens and she conducted her Diploma Thesis in Food Process Engineering at the Technical University of Berlin. Dr Papathanasiou leads the Life Science and Process Systems Engineering lab, focusing on the development of digital twins and control methodologies for process understanding, optimisation and automation. Applications include; (bio-) pharmaceuticals, food and energy systems engineering. Her research outputs to date have been acknowledged through over 50 peer reviewed and conference publications, 26 oral presentations at international conferences and 3 international awards, including the prestigious IChemE Junior Sargent Medal (2023).