**Dr. Francesco Coletti**

Hexxcell Ltd. and Brunel University London

Francesco holds a Laurea in Chemical Engineering from Padova University; an MSc in Process Systems Engineering and a PhD in Chemical Engineering both from Imperial College London. After gaining industrial research experience at Linde in Buffalo, NY (USA), he returned to the UK to co-found and manage Hexxcell Ltd. and since 2017 is also a Senior Lecturer at Brunel University London.

Francesco has a track-record of developing digital solutions from research to industrial deployment, with particular focus on hybrid-AI models for monitoring, optimization and predictive maintenance of thermal processes and energy systems. He has co-authored over 70 journal articles and conference proceedings, co-edited a monograph dedicated to Crude Oil Fouling (published by Elsevier), since 2013 he is the Executive Editor of Heat Exchanger Design Handbook (Begell House) and holds two patents. He was awarded the 2010 Newitt Prize for best Computational PhD thesis in Chemical Engineering by Imperial College London and the 2023 Mike Ackrill award by the UK Heat Transfer Society.

Francesco is a Fellow of the Energy Institute, a member of the Assembly for International Heat Transfer Conferences, an elected member (2014) and Secretary (2016) of the UK National Heat Transfer Committee and is a Director and the Vice Chiar of the AIChE Fuels&Petrochemical Division (2019). He initiated and is the Chair of the Topical Series on Heat Exchangers held every two years at the AIChE Spring Meeting, now at its third edition.