

Mini Biographies

- **Omar Matar** (*FREng, FAPS, FIChemE*): is a Professor of Fluid Mechanics, and Head of Department of Chemical Engineering at Imperial College London. His research interests include the use of multi-scale, physics-informed, data-driven methods for the solution of complex non-isothermal multiphase flows with phase change. OKM is the Principal Investigator of the £6.5M programme PREMIERE (PREdictive Modelling with QuantIfication of UncERtainty for MultiphasE Systems) funded by the Engineering and Physical Sciences Research Council, UK, which involves Imperial, Birmingham, Cambridge, UCL, the Alan Turing Institute, and a number of industrial and healthcare partners. He has co-authored over 360 refereed papers (>13000 citations and h-index 63) and given over 80 invited talks. He is co-Editor-in-Chief of the *Journal of Engineering Mathematics* and on the editorial boards of *International Journal of Multiphase Flows*, *Droplet*, and *Engineering*