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Short bio-data: RAFIQL GANI, PhD, is currently an adjunct professor at KAIST (South Korea) and a visiting professor at Texas A&M University. For 34 years, starting from 1985, Prof Gani worked at the Department of Chemical & Biochemical Engineering, Technical University of Denmark, and is the former head and co-founder of CAPEC. Prof Gani served as an editor-in-chief of Computers and Chemical Engineering journal (2009-2015) and currently serves as editor for the Sustainable Production & Consumption journal. He is also a member of the editorial advisory boards of several international journals, including Computers and Chemical Engineering and Current Opinion in Chemical Engineering. Prof Gani has been awarded Doctor Honoris Causa degrees from University Politehnica Bucharest, University of Pannonia and Babes-Bolyai University. Prof Gani is the ex-president of the EFCE (2015-2018), a member of the Danish Academy of Science, a Fellow of the AIChE and a Fellow of IChemE. He received the AIChE Computers in Chemical Engineering award in 2015, the EFCE Jacques Villermaux Medal in 2019, the AIChE Sustainability Engineering Forum award in 2020 and is the winner of the IChemE Sargent Medal in 2021. In 2018, Prof Gani co-founded the PSE for SPEED Company, that develops, implements and employs state of the art PSE methods and tools to solve a wide range of problems of industrial and research significance, reliably, efficiently and very rapidly. He has published 529 articles in peer reviewed international journals and proceedings plus 5 edited books and 1 text-book. His publications have given him a H-index of 68 in GoogleScholar, 58 in SCOPUS and 52 in Web of Science (March, 2021). Prof Gani's current research interests continue with the development and application of computer aided methods and tools for modelling; property estimation; process-product synthesis, design & intensification; and process-tools integration with emphasis on energy, sustainability and application of a systems.