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Short bio-data: Prof Gani is currently an adjunct professor at KAIST (South Korea) and CEO of PSE for SPEED, a company he co-founded in 2018. For 34 years, starting from 1985, Prof Gani worked at the Department of Chemical & Biochemical Engineering, Technical University of Denmark, where he co-founded 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, Babes-Bolyai University and University of Maribor. Prof Gani is the ex-president of European Federation of Chemical Engineering, EFCE (2015-2018), a member of the Danish Academy of Science, a Fellow of 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 the IChemE Sargent Medal in 2021. Through his company, Prof Gani 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 531 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 73 in GoogleScholar, 61 in SCOPUS and 54 in Web of Science (January, 2022). Prof Gani's current research includes development and application of computer aided methods and associated tools for modelling; property estimation; process-product synthesis, design & intensification; and process-tools integration with emphasis on energy, sustainability and application of a systems approach.