

**Alexandros Koulouris**

He is a professor in the Department of Food Science and Technology of the International University of Thessaloniki. He holds a BSc degree in chemical engineering from the Aristotle University of Thessaloniki (Greece), MSc and PhD degrees from the Dept. of Chemical Engineering at MIT (Massachusetts Institute of Technology, Cambridge, USA).

His research interests are in the area of Process Systems Engineering (PSE) which applies a systems perspective and implements model-based methodologies and computer tools for designing, simulating, operating, optimizing and controlling chemical processes. The emphasis of his research work in applying PSE is in the food, biotech and pharmaceutical industrial sectors. His research work includes participation in around 40 scientific articles in refereed journals, 8 chapters in international books and over 20 presentations in international conferences.

Besides his academic work, he has been involved in the design and development of commercial software tools for process design and scheduling of production facilities which are used by many industrial and academic institutions worldwide.