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CAIQ2023 - XI ARGENTINIAN CONGRESS OF CHEMICAL ENGINEERING
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"The global chemical engineering working for a better future world"

Center for Advanced Process Decision-making Department of Chemical Engineering - Carnegie Mellon University - Rudolph R. and Florence Dean University Professor, Chemical Engineering

Ignacio E. Grossmann is the R. R. Dean University Professor in the Department of Chemical Engineering, and former department head at Carnegie Mellon University. He obtained his B.S. degree at the Universidad Iberoamericana, Mexico City, in 1974, and his M.S. and Ph.D. at Imperial College in 1975 and 1977, respectively. He is a member and director of the Center for Advanced Process Decision-making, an industrial consortium that involves about 20 petroleum, chemical, engineering, and software companies. He is a member of the National Academy of Engineering, and associate editor of AIChE Journal. He has received the following AIChE awards: Computing in Chemical Engineering, William H. Walker for Excellence in Publications, Warren Lewis for Excellence in Education, Research Excellence in Sustainable Engineering, Founders Award for Outstanding Contributions to the Field of Chemical Engineering. In 2015 he was the first recipient of the Sargent Medal by the IChemE. He has honorary doctorates from Abo Akademi in Finland, University of Maribor in Slovenia, Technical University of Dortmund in Germany, University of Cantabria in Spain, Russian Kazan National Research Technological University, Universidad Nacional del Litoral, Argentina, and Universidad de Alicante in Spain. He is a 2019 top cited scientist in Computer Science and Electronics: 53 Worldwide, 38 National. He has authored more than 600 papers, several monographs on design cases studies, the recent textbook *Advanced Optimization in Process Systems Engineering*, and the textbook *Systematic Methods of Chemical Process Design*, which he co-authored with Larry Biegler and Art Westerberg. He has also organized the virtual library on process systems engineering. Grossmann has graduated 67 Ph.D. and 24 M.S. students.