



ONLINE **2022** DOE SUMMIT

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Érika C.A.N. Chrisman, Chemical Industrial, DSc, has 28 years of experience in the field of DOE and Organic Processes. She is a Full Professor in the Department of Organic Processes at the Chemistry School and Director of Quality and Vice coordinator of the Professional Master's Degree in Sustainable Technologies at the Federal University of Rio de Janeiro (UFRJ). She is a founder and Head of the laboratory for development and optimization of organic processes, called "DOPOLAB," belongs to the CENPES/Petrobras Analysis Network and is accredited by ANP. Her research group at DOPOLAB has focused on chemical / technological

development involving the application of organic chemistry concepts, and design of experiments associated with the optimization of organic processes working on projects with companies. She is the author of more than 100 scientific works, and she has overseen more than forty master's and doctoral theses and final projects. These projects included development of evaluation methodologies and chemical characterization of petroleum and its derivatives; application of design of experiments (DOE) in the development and optimization of products like drugs, petrochemicals and additives and segregation; and minimization of organic effluents with the evaluation of the viability of component recovery.