

Speaker of Session Reynolds

SESSION TOPIC IN TURBULENCE



Gabriel Salierno. Received his Ph.D from University of Buenos Aires in the field of Industrial Chemistry in 2016, specific topic: *Non-Invasive Monitoring of Multiphase Reactors and Industrial Processes*. In 2011 earned the Chemistry Degree at Exact and Natural Sciences Faculty - University of Buenos Aires.

Assistant professor at Pontificial Catholic University of Buenos Aires since 2017. Teaching assistant at University of Buenos Aires since 2012. Currently working at optimization of organic waste fermentation for ethanol production and in polymer recycling for 3D printing purposes. Personal e-mail: <u>gabriel.salierno@gmail.com</u> Scopus Author ID: 35956881400



Mauricio Maestri received his Ph.D. in Industrial Chemistry from the University of Buenos Aires in 2010. He also holds a degree in Electronic Engineering (2005) and is a specialist in Data Mining and Knowledge Discovery from the UBA (2014). He is an adjunct researcher of the National Scientific and Technical Research Council (CONICET) and holds a teaching position at the Faculty of Exact and Natural Sciences (UBA). His research interests include fault detection and diagnosis in chemical and petrochemical process; and computational fluid dynamics simulation of multiphase reactors.



María Angélica Cardona received the Ph.D. degree in physics from the University of Buenos Aires, Buenos Aires, Argentina in 1989. She is Principal Researcher of the Atomic Energy National Commission, and a fellow of the National Science and Technology Council, Argentina. She is Professor of physics from the University of San Martín, Argentina.

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Daniel Hojman received the M.Sc. and Ph.D. degrees in physics from the University of Buenos Aires, Buenos Aires, Argentina, in 1984 and 1990, respectively.

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Miryan C. Cassanello received her Chemistry degree and a PhD in Chemistry with industrial orientation at the University of Buenos Aires (Argentina). Postdoctoral fellow at the Ecole Polytechnique du Montreal in Quebec, Canada and with a Fulbright research award at the Washington University in St Louis, USA. She is Associate Professor of Industrial Chemistry and Chemical Reactors Design at the Department of Industry of the Faculty of Science of the University of Buenos Aires (Argentina) and Principal Researcher at National Council of Science and Technology (CONICET) of the same country. Her research interests are focused mainly on multiphase reactors fluid dynamics and applications of catalytic oxidation and advanced oxidation processes for abatement of recalcitrant organics from wastewaters.

