Speaker of Session Reynolds

SESSION TOPIC IN TURBULENCE

Gabriel Salierno, Ph.D. Obtained 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 Facultad de Ciencias Exactas y Naturales - Universidad de Buenos Aires.

Assistant professor of Pontificial Catholic University of Buenos Aires since 2017. Teacher 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 input production.

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RECENT PUBLICATIONS

Scopus Author ID: 35956881400

- *Calcium alginate beads motion in foaming three-phase bubble column*. Chemical Engineering Journal 324 (2017) 358–369 - http://dx.doi.org/10.1016/j.cej.2017.05.060
- PhD thesis: *Caracterización de equipos y medios multifásicos con métodos que emplean fuentes radiactivas* -
URL: http://digital.bl.fcen.uba.ar/Download/Tesis/Tesis_5951_Salierno.pdf
- *"Soluble" vs "Insoluble" Prussian blue based catalysts: Influence on Fenton-type treatment*. RSC Adv. 2016 - http://dx.doi.org/10.1039/c6ra06618f
- *Bed expansion and particle classification in liquid fluidized beds with structured internals* Chemical Engineering and Technology 2015 – http://dx.doi.org/10.1002/ceat.201400463
- *Discrete axial motion of a radioactive tracer reconstructed from the response of axially aligned detectors: Application to the analysis of a bubble column dynamics* - Chemical Engineering Science 2013 - http://dx.doi.org/10.1016/j.ces.2013.03.029
- *Prussian Blue onto Activated Carbon as a Catalyst for Heterogeneous Fenton-Like Processes* IJCEA 2013 - http://dx.doi.org/10.7763/ijcea.2013.v4.313
- *Bubble columns dynamics inferred from the motion of a radioactive tracer followed by axially aligned detectors* - Chemical Engineering Journal 2012 - http://dx.doi.org/10.1016/j.cej.2012.06.150