

List of publications of Antonio Soria Verdugo in international conferences

19. **“Reaction Rate of Olive Stone during Combustion in a Bubbling Fluidized Bed”** A. Soria-Verdugo, M. Rubio-Rubio, J. Arrieta, N. Garcia-Hernando. Oral Presentation. International Conference on Biomass Technologies and Biomass Conversion 2019. **Best paper award.**
18. **“Effect of segregation on the reaction rate of sewage sludge particles in a bubbling fluidized bed”** A. Soria-Verdugo, A. Morato-Godino, L.M. Garcia-Gutiérrez, N. Garcia-Hernando. Oral Presentation. 19th International Conference on Waste Minimization and Postharvest Engineering. Istanbul (Turkey) 2017. **Best paper award.**
17. **“Pyrolysis of sewage sludge in a bubbling fluidized bed: Determination of the reaction rate”** A. Soria-Verdugo, A. Morato-Godino, L.M. Garcia-Gutiérrez, N. Garcia-Hernando. Oral Presentation. 12th International Conference on Fluidized Bed Technology. Cracovia (Poland) 2017.
16. **“Numerical investigation on the solids mixing in fluidized beds”** F. Hernández-Jiménez, J. Sánchez-Prieto, A. Soria-Verdugo, E. Cano-Pleite, A. Acosta-Iborra. Oral Presentation. 12th International Conference on Fluidized Bed Technology. Cracovia (Poland) 2017.
15. **“The role of fuel mixing on char conversion in a fluidized bed”** L. Lundberg; A. Soria-Verdugo; D. Pallarès, R. Johansson; H. Thunman. Oral Presentation. Fluidization XV. Quebec (Canada) 2016.
14. **“Experimental study of solid mixing mechanism in a 2D fluidized bed”** J. Sanchez-Prieto; F. Hernandez-Jimenez; L.M Garcia-Gutierrez; A. Soria-Verdugo. Oral Presentation. Fluidization XV. Quebec (Canada) 2016.
13. **“Simulation of fuel particles motion in a 2D fluidized bed using a hybrid-model considering wall friction”** L.M Garcia-Gutierrez; F. Hernandez-Jimenez; A. Soria-Verdugo; A. Acosta-Iborra. Oral Presentation. Fluidization XV. Quebec (Canada) 2016.
12. **“Design of statistical strategy to the control of a fluidized bed equipped with a rotating distributor”** J. Gómez-Hernández; A. Soria-Verdugo; J. Villa-Briongos; D. Santana. Oral Presentation. The 14th International Conference on Fluidization – From Fundamentals to Products. Noordwijkerhout (Netherlands) 2013.
11. **“Linking of the pressure oscillation in a pseudo two-dimensional bed with the spatio-temporal distribution of particles”** F. Hernández-Jiménez; J. Sánchez-Prieto; A. Soria-Verdugo; A. Acosta-Iborra. Oral Presentation. The 14th International Conference on Fluidization – From Fundamentals to Products. Noordwijkerhout (Netherlands) 2013.
10. **“Object motion on the freeboard of a bubbling fluidized bed”** L.M. García-Gutiérrez; A. Soria-Verdugo; C. Marugan-Cruz; U. Ruiz-Rivas. Oral Presentation. The 14th International Conference on Fluidization – From Fundamentals to Products. Noordwijkerhout (Netherlands) 2013.

09. **“On the validity of the DAEM Model using low heating rate devolatilization curves”** **A. Soria-Verdugo**; L.M. García-Gutiérrez; L. Blanco-Cano; N. García-Hernando; U. Ruiz-Rivas. Oral Presentation of Invited Submission. 8th Conference on sustainable development of energy, water and environment systems. Dubrovnik (Croatia) 2013.
08. **“Modelling and design of indirect solar dryers for batch drying”** L. Blanco-Cano; **A. Soria-Verdugo**; L.M. García-Gutiérrez; U. Ruiz-Rivas. Oral Presentation. International Conference on Renewable Energies and Power Quality (ICREPQ'13). Bilbao (Spain) 2013.
07. **“An evaluation of the DAEM model validity for wood pellets”** **A. Soria-Verdugo**; N. García-Hernando; A. Gomez-Garcia; L.M. Garcia-Gutierrez; U. Ruiz-Rivas. Poster Presentation. 19th European Biomass Conference and Exhibition. Berlin (Germany) 2011.
06. **“Motion of a large object in a 2D bubbling fluidized bed”** **A. Soria-Verdugo**; L.M. García-Gutiérrez; S. Sanchez-Delgado; U. Ruiz-Rivas. Oral Presentation. The 13th international conference on fluidization: Fluidization XIII. Gyeong-ju (Korea) 2010.
05. **“Transport phenomena in a bubbling fluidized bed with a rotating distributor”** **A. Soria-Verdugo**; N. García-Hernando; U. Ruiz-Rivas. Oral Presentation. Interdisciplinary Transport Phenomena VI: Fluid, Thermal, Biological, Materials, and Space Sciences. Volterra (Italy) 2009.
04. **“Thermal analysis and optimization of a heat regenerator composed of two coupled moving bed heat exchangers”** J.A. Almendros-Ibáñez; **A. Soria-Verdugo**; U. Ruiz-Rivas; D. Santana. Oral Presentation. 4th International Symposium on Advances in Computational Heat Transfer (CHT-08). Marrakech (Morocco) 2008.
03. **“Coherent structures and bubble-particle velocity in 2D fluidized beds”** S. Sánchez-Delgado; J.A. Almendros-Ibáñez; **A. Soria-Verdugo**; D. Santana; U. Ruiz-Rivas. Oral Presentation. 9th International Conference on Circulating Fluidized Beds (CFB9). Hamburg (Germany) 2008.
02. **“Exergy optimization in a steady moving bed heat exchanger”** **A. Soria-Verdugo**; J.A. Almendros-Ibáñez; U. Ruiz-Rivas; D. Santana. Oral Presentation. Interdisciplinary Transport Phenomena V: Fluid, Thermal, Biological, Materials, and Space Sciences. Bansko (Bulgary) 2008.
01. **“Exergy optimization of a Moving Bed Heat Exchanger (MBHE)”** J.A. Almendros-Ibáñez; **A. Soria-Verdugo**; S. Sánchez-Delgado; C. Sobrino; U. Ruiz-Rivas; A. Macías-Machín; D. Santana. Poster Presentation. The 2nd International Congress of Energy and Environment Engineering and Management (IICIEEM2007). Badajoz (Spain) 2007.