

Doctoral Program in Energy, Chemical and Environmental Engineering



Jornada sobre conversión, utilización y estabilización de residuos

Workshop on conversion, utilization and stabilization of wastes

(Jointed to 2nd International Project NETuWAS Meeting)

30 Nov Dec 2017

Organization: Chemical and Environmental Engineering Department, University of Seville

Chair: Alberto Gómez-Barea (agomezbarea@us.es),

Contact: Vanessa Ferreira de Almeida (vanferde@alum.us.es)

Venue: Sala Juan Larrañeta (planta ático), [ETSI](#), Seville, SPAIN

The course is oriented for PhD students and young researchers willing to share their project results in a friendlier environment than conventional conferences. Some of the PhD students dealing with activities related to the conference topic will give an oral presentation and participate in the discussion. National and International experts about outstanding topics in the field will give a few keynotes/lectures. The main objectives of the workshop are:

- To improve understanding on the specific topic of the Workshop
- Facilitate mutual knowledge of common topics for PhD students
- Improve PhD skills for critical discussion
- Improve skills of PhD students
- Develop communication and management skills in research

There is no workshop fee (social activities not included).

** Jornadas celebradas dentro de las actividades de apoyo a la formación doctoral en el programa de doctorado de Ingeniería Energética Química y Ambiental de la US (+info: <http://www.etsi.us.es/doctorado/ieqa>)*

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Program

Thursday November 30th	
8:45 – 9:00	Registration
9:00 – 9:15	Welcome <i>Alberto Gómez-Barea</i> Coordinator of Doctoral Program in Energy, Chemical and Environmental Engineering at the University of Seville
9:15 – 10:30	Keynote 1 Attrition in FB with focus on gasification of Ca based sorbents <i>Fabrizio Scala</i> Associate Professor, University of Naples Federico II
10:30 – 11:45	Keynote 2 Technological aspects of FB gasification of wastes <i>Umberto Arena</i> Professor, University of Campania "Luigi Vanvitelli"
11:45 – 12:15	Coffee break (served at Sala Juan Larrañeta)
12:15 – 13:15	Keynote 3 Fluid-dynamic of FB: solids circulation in FB complex systems <i>Bo Leckner</i> Emeritus Professor, Chalmers University of Technology
13:15 – 14:30	Lunch (Organizing Committee and Speakers)
14:30 – 15:00	Oral Presentation 1 Advanced tracking analysis of single fuel conversion in FB Jesús Salinero PhD Student, University of Seville
15:00 – 15:30	Oral Presentation 2 Partitioning of main inorganics and heavy metals in FB Vanessa Ferreira de Almeida PhD Student, University of Seville
15:30 – 16:00	Oral Presentation 3 Transient analysis of an FB gasifier for the analysis of biomass-hybrid concept in CSP plants Montserrat Suárez de Almeida PhD Student, University of Seville
16:00 – 16:30	Oral Presentation 4 Analysis of biomass combustion in a porous media Francisco Javier Palomo Guerrero PhD Student, University of Seville
16:30 – 17:00	Coffee break (served at Sala Juan Larrañeta)
17:00 – 17:30	Oral Presentation 5 Bio-ceramics for diesel engines particulate filters Pilar Orihuela PhD Student, University of Seville

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17:30 – 18:00	Oral Presentation 6 Design of an integrated biomass gasification process with CO ₂ capture and power generation Elisa López García PhD Student, University of Seville
18:00 – 18:30	Oral Presentation 7 Camilo Cabrera Butadiene production from C4 mixtures using extractive distillation PhD Student, University of Seville
18:30 – 18:45	Wrap up and closure <i>Alberto Gómez-Barea</i> Coordinator of Doctoral Program in Energy, Chemical and Environmental Engineering at the University of Seville
20:45	Dinner (Organizing Committee and Speakers) Restaurante El Gallinero de Sandra Calle Esperanza Elena Caro, 2, 41002 Sevilla https://goo.gl/maps/ce8AZCNCFC62

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