PROGRAMA DE DOCTORADO DE INGENIERÍA QUÍMICA Y AMBIENTAL - 5ª JORNADA DE DOCTORANDOS
29 NOVIEMBRE 2017 – AULA 3M

10:00 Apertura de la jornada. Esther Alonso - Directora de la Escuela de Doctorado

10:15 Presentaciones alumnos egresados

José Manuel Estrada	Convirtiéndote en doctor sin perder la cabeza por el camino
Katalin Sólyom	My experience as a foreign PhD student in Valladolid

10:45 Presentación del plan de investigación de los doctorandos de nueva matrícula 2017/2018

1. Vinot, Marc	Technical /economic optimization of the OFMSW composting in tunnels
2. Díaz Cubero, Alina	Thermal hydrolysis of sludge: efficient integration of water, energy and agriculture
3. Pérez Martínez, Víctor	URBIOFIN project: Demonstration of biological technologies for biogas upgrading and valorisation
4. Pascual Centeno, Celia	Innovative biogas siloxane removal processes for biomethane injection in natural gas grid
5. Soto Guzmán, Cenit	Development of compact and low cost processes for the selective separation of CO_2 from both biogas and biohydrogen in order to increase their energy efficiency and range of applications, and to mitigate climate change

11:00 Presentación de los avances de las tesis de los doctorandos matriculados el curso 2016/2017

1. Rodero Raya, María del Rosario	Photosynthetic biogas upgrading in high rate algal ponds
2. Marín de Jesús, David Fernando	Biogas upgrading in algal-bacterial photobioreactors under outdoor conditions
3. Ángeles Torres, Roxana	Evaluation and optimization of photosynthetic biogas upgrading in closed photobioreactors
4. Álvarez Requena, Cristina	New studies to improve VALORGA dry anaerobic digestion
5. Rodríguez Muñoz, Yadira	Biogas bioconversion to high-added value products: exploring new strategies for biogas valorization
6. Ramos Andrés, Marta	Downstream processing of liquid effluents from biomass hydrothermal processing plants
7. Vallejo Vicente, Reinaldo	Nanocoating of high hydrophobic drugs with recombinant polymers by supercritical fluids
8. Dos Reis C Alexandre, Agostinho	Extracts from residues of Arbutus unedo distillation process: antiproliferative and cytotoxicity evaluation.

12:00 Pausa Café

12:30 Sesión de pósters

P1. Abad Fernández, Nerea	Lignin valorization in supercritical water
P2. Akmirza, Ilker	The Conversion of Toluene and Etyhlbenzene by Pseudomonas Fulva TY16 to Polyhydroxyalkanoate (PHA) in a Bubble Column Bioreactor
P3. Alfaro Borjabad, Natalia	Methanogenesis from H_2 and CO_2 in sewage sludge. Kinetic study, hydrogen acclimation and an approach to activity determination
P4. Álvarez Martín, Ana	Microwave pretreatment of plant materials for the extraction of active compounds
P5. Arenales Rivera, Jorge	Energy recovery from SRFs obtained from industrial and household wastes.
P6. Cabeza Sánchez, Álvaro	Green processes modelling for biomass upgrading: pyrolysis, SCF extraction and hydrothermal fractionation
P7. Cantera Ruiz de Pellón, Sara	Development of cost-efficient and environmentally friendly technologies for the treatment of methane emissions
P8. Do Nascimento, Thiago Antonio	Membrane-based processes: a step forward for self-sufficiency of urban wastewater treatment
P9. García Guzmán, Dimas Alberto	Photosynthetic biodegradation of domestic and agroindustrial wastewater.
P10. Lorenzo Hernando, Ana María	Optimization of protein extraction from microalgae grown in WWs. Effect of operation conditions on alkaline hydrolysis.
P11. Martín Juárez, Judit	Valorization of Wastewaters via Bioenergy and Bioproducts using Carbohydrates from Microalgae
P12. Martínez Fajardo, Celia María	Demonstration of an effective biomass to sugars transformation process by ultra-fast reactors in supercritical water
P13. Pazo Cepeda, María Victoria	Comparison of two extraction processes for Ferulic Acid recovery from Defatted Wheat Bran
P14. Romero Díez, Rut	Development of an integrated and green biorefinery from winery waste
P15. Saavedra Concha, Ricardo	"Comparative uptake study of toxic elements from water by green microalgae: multimetallic and monometallic systems".
P16. Sánchez Bastardo, Nuria	Hydrogenation of waste agricultural biomass for the production of high value-added products

13:15 Entrega de premios