

Session 1. Tuesday 14 May 2019

Schedule	Authors	Communication
INDUSTRY SESSION		
14:30-14:40 h	<i>L. Cañizares, M. A. Khan, M. Massaros</i> <i>(ARVIA TECHNOLOGY LTD.)</i>	Arvia Technology Ltd. New approach of Advanced Oxidation Process
14:40-14:50 h	<i>L. Meda (ENI)</i>	The interest of an oil & gas company towards energy storage
14:50-15:00 h	<i>P. Camprovin, J. Manzano, M. Arnaldos, Y. Aguilera, J. Suescun</i> <i>(CETaqua – SUEZ Group)</i>	EQTECH technology: evaluation of full-scale implementation results in prioritized industrial sectors
15:00-15:10 h	<i>Y. Asensio, P. Zamora, M. Stiven Romero, Á. Encinas, X. Tomas, P. Icarán, V. Monsalvo, F. Rogalla</i> <i>(AQUALIA)</i>	AQUALIA and Bioelectrochemical Systems (BES). Lessons learnt and future prospects for the development of high-efficient innovative bioelectrochemical technologies
15:10- 15:40 h	ROUND TABLE	
PUBLIC ENTITIES		
15:40-15:55 h	<i>F. Orts, A.I. del Río, J. Bonastre, F. Cases</i>	Effect of the presence of chloride in the electrochemical treatment of industrial textile wastewater. Trichromy Procion HEXL®.
15:55-16:10 h	<i>M. P. Fei, A. Galia, F. Vicari, O. Scialdone</i>	Electrochemical treatment of wastewater with different conductivities
16:10-16:25 h	<i>E. Pastor</i>	Electrocatalysis on graphene-based Materials
16:25-16:40 h	<i>F. Santos, J. Abad, A. Urbina, A.J. Fernández Romero</i>	Environmental and economical requirements for a sustainable Zn/air battery
17:00 h	E3TECH MEETING	

Session 2. Wednesday 15 May 2019 (morning)

Schedule	Authors	Communication
11:00-11:15	<i>A. Puga, S. Escudero, E. Rosales, M. Pazos, M. A. Sanromán</i>	Removal of micropollutants from aquatic environment by two-stage approach: adsorption and electro-Fenton
11:15-11:30	<i>A. Soriano, D. Gorria, L. T. Biegler, A. Urtiaga</i>	Towards an efficient electrolysis of perfluorocarboxylic acids through integration with membrane separation using process system engineering tools
11:30-11:45	<i>A. Raschitor, J. Llanos, M. A. Rodrigo, P. Cañizares</i>	Is it worth using the electro-dialysis/electro-oxidation system for the removal of pesticides? Process modelling and role of the pollutant
11:45-12:00	<i>R. M. Fernández-Domene, G. Roselló-Márquez, R. Sánchez-Tovar, B. Lucas-Granados, J. García-Antón</i>	Application of WO ₃ nanostructures synthesized by anodization in the photoelectrochemical degradation of pesticides
12:00-12:15	<i>J. García-Cardona, I. Sirés, F. Alcaide, E. Brillas, F. Centellas, P.L. Cabot</i>	Properties and electrochemical performance of supported Pt(Cu) core-shell catalysts for hydrogen oxidation
12:15-12:30	<i>E. Castillo-Martínez, J. Carretero-González</i>	Sustainable electrochemical energy storage materials systems for off-grid, poor and remote communities
12:30-12:45	<i>J. Carrillo-Abad, J. Mora-Gómez, M. García-Gabaldón, E. Ortega, M. T. Montañés, S. Mestre, V. Pérez-Herranz</i>	Study of the use of new ceramic materials for the removal of norfloxacin by electro-oxidation in chloride media
12:45-13:00	<i>A. J. dos Santos, E. Brillas, C. A. Martínez-Huitle, I. Sirés</i>	Solar photoelectro-Fenton treatment of mixtures of Tartrazine, Ponceau SS and Direct Blue 71 azo dyes

LUNCH

Session 3. Wednesday 15 May 2019 (afternoon)

Schedule	Authors	Communication
14:30-14:45	<i>F. Santos, P. Almodóvar, C. Díaz-Guerra, J. Gonzalez, A. Molina, A. J. Fernández Romero</i>	Chromium (III) oxide-based materials as catalysts for ORR
14:45-15:00	<i>J. L. Nava</i>	Design of flow cells with parallel plates and rotating cylinder electrodes for electrometallurgical applications
15:00-15:15	<i>S. Santiago, S. Mena, I. Gallardo, G. Guirado</i>	Electrochemistry in ionic liquids: from CO ₂ valorization processes to green smart devices
15:15-15:30	<i>E. Expósito, V. García, F. Gallud, A. Sáez, D. Valero, V. Montiel</i>	Electrocoagulation: A useful electrochemical technique regarding wastewater treatment
15:30-15:45	<i>L. A. Godínez, I. Robles, J. García, F. J. Rodríguez-Valadez, A. Ramírez, A. Rodríguez, D. Fernández</i>	Electro-Fenton based treatment of human waste; Towards the development of a drainage-free toilet
15:45-16:00	<i>J. J. Lado, E. García-Quismondo, J. Palma, M. A. Anderson</i>	Magnesium recovery from brackish water by capacitive deionization
16:00-16:15	<i>CA. Ponce de Leon, T. Schoetz, B. Craig, R.D. McKerracher, H.A. Figueredo-Rodriguez</i>	Green batteries
16:15-16:30	<i>D. C. Andrade, J. M. M. Henrique, V. J. P. Vilar, D. R. da Silva, C. A. Martínez-Huitle, E. V. dos Santos</i>	Novel reactive barrier concept coupled to electrokinetic remediation to remove hydrocarbon from soil
16:30-17:00	COFFEE BREAK	
17:00-17:15	<i>R. Salazar, L. C. Espinoza, D. Martins de Godoi</i>	Preparation of nanostructured dimensional stable anodes (DSA) for the electro-oxidation of oxamic acid
17:15-17:30	<i>P. Villegas-Guzman, F. Escalona-Durán, D. Ribeiro da Silva, C. A. Martínez-Huitle</i>	Electrochemical oxidation of antitubercular drugs in synthetic human urine
17:30-17:45	<i>A. Lejarazu-Larrañaga, S. Molina, J. M. Ortiz, R. Navarro, E. García-Calvo</i>	Circular economy in membrane technology: using end-of-life reverse osmosis modules for preparation of ion exchange membranes systems
17:45-18:00	<i>A.J. Motheo, R. Nakamura, M.F. Gromboni</i>	Electrochemical processes applied to treatment of aqueous medium containing a commercial preservative blend based on parabens
18:00-18:15	<i>E. Herrero, V. Briega-Martos, J. M. Orts, A. Rodes, J. M. Feliu</i>	Oxygen reduction reaction on acetonitrile containing solutions
18:15-18:30	<i>V. B. Lima, L. A. Goulart, M. R. V. Lanza</i>	Degradation of Ciprofloxacin in electrochemical cell using gas diffusion electrode (GDE)

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