

**14<sup>th</sup> Mediterranean Congress on Chemical Engineering (MeCCE-14)**  
**DISCUSSION GROUPS - 16-20 November 2020**

<b>PRESENTING AUTHOR indicated during the submission (it may differ from the final presenter)</b>	<b>Presentation Code</b>	<b>Abstract reference number</b>	<b>Title</b>	<b>Presentation</b>	<b>DG session name</b>	<b>Date &amp; Time</b>
Adrian Pacheco-Lopez, Universitat Politècnica de Catalunya, Barcelona, Spain.	<b>DG.06.05</b>	146	Systematic Generation and Evaluation of Waste-to-Resource Alternatives	Oral	DG.06 - Process Systems Engineering	19/11/2020 12:30
Adriana Mesa-Gómez, Centre for Technological Risk Studies (CERTEC), Barcelona East School of Engineering (EEBE), Universitat Politècnica de Catalunya, BarcelonaTech (UPC), Barcelona, Spain.	<b>DG.06.08</b>	100	Natech Accidents in Process Plants Located in Coastal Zones	Oral	DG.06 - Process Systems Engineering	19/11/2020 12:30
Aitor Marcos-Madrado, Universidad de Cantabria, Santander, Spain.	<b>DG.04.05</b>	113	Study of alcohol diffusion through commercial anion exchange membranes for CO <sub>2</sub> electrolyzers	Oral	DG.04 - Chemical (electrochemical) Processes & Reactors	18/11/2020 12:30
Alicia Checa-Fernandez, Universidad Complutense de Madrid, Madrid, Spain.	<b>DG.09.06</b>	180	Treatment of soil contaminated by HCH using alkaline activation of PS intensified by US	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
Alicia Maestro, Universitat de Barcelona, Barcelona, Spain.	<b>DG.02.01</b>	69	Rheological Study of Water in Water Emulsions	Oral	DG.02 - Product Engineering	17/11/2020 12:30
Alireza Zare, Universitat Rovira i Virgili, Tarragona, Tarragona/ Catalunya, Spain.	<b>DG.02.06</b>	138	Self-assembled Liquid-Crystalline Membranes for Direct Methanol Fuel Cell application	Poster	DG.02 - Product Engineering	17/11/2020 12:30
Ander Portillo, University of the Basque Country, UPV/EHU, Bilbao, Spain.	<b>DG.05.01</b>	46	Core-shell catalysts for the direct synthesis of DME. Kinetic modeling.	Oral	DG.05 - Kinetics & Catalysis	18/11/2020 16:30
Andreu Bonet, URV, Deltebre, Spain.	<b>DG.02.02</b>	136	Chemical reactors manufactured by SLA and FDM 3D printing technologies	Oral	DG.02 - Product Engineering	17/11/2020 12:30
Arianne Lopez Hernandez, INTEXTER-UPC, Terrassa, Spain.	<b>DG.08.05</b>	110	Production and evaluation of antimicrobial microcapsules with Essential oils using complex coacervation	Oral	DG.08 - Pharma & Health & Food	19/11/2020 16:30
Beatrice Ravasio, IQS School of Engineering, BARCELONA, Spain.	<b>DG.08.01</b>	32	Applications of the Aza-Michael Reaction and Flow Chemistry for the Synthesis of Active Pharmaceutical Ingredients	Oral	DG.08 - Pharma & Health & Food	19/11/2020 16:30
Beatriz García Fernández, UAB, Bellaterra, Spain.	<b>DG.01.10</b>	160	Examining the reuse of washing machines in cities	Oral	DG.01 - Waste Management, Reduction and Valorization, and Circular Economy	16/11/2020 16:30
Belén Reig, Rovira and Virgili University, Tarragona, Spain.	<b>DG.08.06</b>	108	Chitosan/alginate based macrocapsules as an oral delivery system of DCA.	Oral	DG.08 - Pharma & Health & Food	19/11/2020 16:30
Bernardí Bayarri Ferrer, Universitat de Barcelona, Barcelona, Spain.	<b>DG.09.12</b>	79	New insights in photo-Fenton process at neutral pH: organic fertilizer as an iron complex for agricultural irrigation reuse.	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
Bernardí Bayarri Ferrer, Universitat de Barcelona, Barcelona, Spain.	<b>DG.09.13</b>	80	Photo-Fenton treatment for the removal of contaminants of emerging concern in wastewaters	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30

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Borja Garrido, Grupo Técnico Calcat S.L./ UCM, POZUELO DE ALARCON, Spain.	<b>DG.09.21</b>	107	Efficacy of TP11 biocides against <i>Legionella</i> in recovered water in cooling towers	Poster	DG.09 - Water Management & Treatments	20/11/2020 11:30
Carlos Albà, IQS Ramon Llull, Barcelona, Spain.	<b>DG.07.02</b>	84	Thermodynamic Analysis of the Effect of Commercial Lubricants in the Solubility of 4th Generation Refrigerant R513a	Oral	DG.07 - Thermodynamics & Transport Phenomena	19/11/2020 15:30
Carlos Ramos, Eurecat, Centre Tecnològic de Catalunya, Manresa, Spain.	<b>DG.09.05</b>	163	REWATCH: innovative treatment scheme for wastewater treatment and water recovery into the petrochemical sector	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
Carmen Barquín, University of Cantabria, Santander, Spain.	<b>DG.09.19</b>	171	Improved Performance of a Newly Synthesized Magnetite Photocatalyst for S-Metolachlor Degradation	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
Carmen Gonzalez, Universitat de Barcelona, Barcelona, Spain.	<b>DG.08.03</b>	75	Encapsulation of hydrophilic and lipophilic active principles in coloured polysaccharide hydrogels: study of stability	Oral	DG.08 - Pharma & Health & Food	19/11/2020 16:30
Carmen María Dominguez, Universidad Complutense de Madrid, Madrid, Spain.	<b>DG.01.02</b>	179	Exploring the application of chemical oxidation treatments for the remediation of HCHs-contaminated soil	Oral	DG.01 - Waste Management, Reduction and Valorization, and Circular Economy	16/11/2020 16:30
Carolina Tristán, University of Cantabria, Santander, Spain.	<b>DG.01.15</b>	132	An in-depth analysis of power and efficiency trade-off of salinity gradient energy capture by reverse electrodialysis	Oral	DG.01 - Waste Management, Reduction and Valorization, and Circular Economy	16/11/2020 16:30
Charly Tesch, CEA Marcoule, Bagnols-sur-Cèze, France.	<b>DG.04.07</b>	112	CFD Modeling of reactive turbulent flows in supercritical water oxidation reactors: modification of Eddy Dissipation approach for turbulence-chemistry interactions	Oral	DG.04 - Chemical (electrochemical) Processes & Reactors	18/11/2020 12:30
Cheng-Tung Chou, National Central University, Taoyuan City, Taiwan.	<b>DG.01.03</b>	39	Simulation of Ga Recovery from Gallium-containing Leaching Solution with Extractant-modified Resin	Oral	DG.01 - Waste Management, Reduction and Valorization, and Circular Economy	16/11/2020 16:30
Cheng-Tung Chou, National Central University, Taoyuan City, Taiwan.	<b>DG.10.01</b>	19	Simulation Study of Separating Oxygen from Air by Pressure Swing Adsorption Process with Heat-exchange Adsorbers	Oral	DG.10 - Separation Processes	20/11/2020 12:30
Claire Delort, University of Mons, MONS (7000), Belgium.	<b>DG.08.04</b>	181	Nitrogen depletion on microalgae culture for lipids production – a continuous process facilitated by acoustic settler	Oral	DG.08 - Pharma & Health & Food	19/11/2020 16:30
Congcong Zhang, Universitat Autònoma de Barcelona, Barcelona, Spain.	<b>DG.09.03</b>	139	A comprehensive evaluation on the integration of EBPR in a continuous A-stage system	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
Cristina Mas-Peiro, IQS School of Engineering, Barcelona, Spain.	<b>DG.07.05</b>	165	Thermodynamic characterization of gas mixtures for CCUS applications	Oral	DG.07 - Thermodynamics & Transport Phenomena	19/11/2020 15:30

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Daniel Botha, Botswana International University of Science and Technology, Gaborone, Botswana.	<b>DG.01.08</b>	144	Containerised Poultry Litter Pyrolysis Plants – It is a Feasibility Solution in the context of Botswana?	Oral	DG.01 - Waste Management, Reduction and Valorization, and Circular Economy	16/11/2020 16:30
Daniel González Revuelta, University of Cantabria, Santander, Spain.	<b>DG.10.04</b>	131	Recovery of n-butanol by pervaporation using polymer-ionic liquid hollow fiber membranes	Oral	DG.10 - Separation Processes	20/11/2020 12:30
Daniel Hospital-Benito, Universidad Autónoma de Madrid, Madrid, Spain.	<b>DG.10.05</b>	153	Process analysis overview of ionic liquids on CO <sub>2</sub> chemical capture	Oral	DG.10 - Separation Processes	20/11/2020 12:30
David Lorenzo, Universidad Complutense de Madrid, Madrid, Spain.	<b>DG.07.03</b>	122	Water-Organic partitioning of Chlorinated Organic Compounds in a real Dense Non-Aqueous Phase produced as Lindane waste.	Oral	DG.07 - Thermodynamics & Transport Phenomena	19/11/2020 15:30
David Trueba, University of the Basque Country UPV/EHU, Leioa, Spain.	<b>DG.01.04</b>	61	Valorization of non-olefinic plastics and vacuum gas oil blends through hydrocracking	Oral	DG.01 - Waste Management, Reduction and Valorization, and Circular Economy	16/11/2020 16:30
David Trueba, University of the Basque Country UPV/EHU, Leioa, Spain.	<b>DG.04.02</b>	62	CuO/ZnO/MnO-based bifunctional catalysts for glycerol hydrogenolysis	Oral	DG.04 - Chemical (electrochemical) Processes & Reactors	18/11/2020 12:30
Fabian Lechtenberg, Universitat Politècnica de Catalunya, Barcelona, Spain.	<b>DG.06.11</b>	175	A MILP Model for Enhancing Wastewater Networks by Introducing Reclaimed Wastewater Usage	Oral	DG.06 - Process Systems Engineering	19/11/2020 12:30
Fèlix Llovell, IQS School of Engineering, Universitat Ramon Llull, Barcelona, Spain.	<b>DG.07.04</b>	128	Robust Thermodynamic Models to Describe the Physicochemical Behaviour of Deep Eutectic Solvents for Gas Separation	Oral	DG.07 - Thermodynamics & Transport Phenomena	19/11/2020 15:30
Francesc Sastre, The Netherlands Organisation for Applied Scientific Research (TNO), Eindhoven, Netherlands.	<b>DG.01.16</b>	190	Low temperature solar CO <sub>2</sub> methanation	Oral	DG.01 - Waste Management, Reduction and Valorization, and Circular Economy	16/11/2020 16:30
Guillermo Díaz-Sainz, University of Cantabria, Santander, Spain.	<b>DG.04.04</b>	98	Continuous gas-phase electrochemical reduction of CO <sub>2</sub> to formate using Bi Catalyst Coated Membrane Electrodes in a filter press reactor	Oral	DG.04 - Chemical (electrochemical) Processes & Reactors	18/11/2020 12:30
Hanna Fux, Universidad Autonoma de Barcelona, Barcelona, Spain.	<b>DG.01.09</b>	159	Analysis of the lifetime of products to support a circular economy	Oral	DG.01 - Waste Management, Reduction and Valorization, and Circular Economy	16/11/2020 16:30
Héctor Vicente, University of the Basque Country, Leioa, Spain.	<b>DG.04.03</b>	76	Analysis of the deactivation of ZSM-5 catalyst during MTO reaction in a periodic operating fixed bed reactor	Oral	DG.04 - Chemical (electrochemical) Processes & Reactors	18/11/2020 12:30
Huyen-Tram Tran, Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen, Germany.	<b>DG.08.07</b>	124	A modular 3D printed analyzer system for bioanalytical applications in resource-constrained settings	Oral	DG.08 - Pharma & Health & Food	19/11/2020 16:30
Ignasi Rodríguez-Roda Layret, Universitat de Girona, Girona, Spain.	<b>DG.03.11</b>	118	INNOVATIVE EDUCATION FOR NEW LEADING PROFESSIONALS REQUIRED IN THE WATER SECTOR	Oral	DG.03 - Knowledge, Education & Training	17/11/2020 16:30

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Ioanna Besiri, Technical University of Munich, Freising, Germany.	<b>DG.04.01</b>	23	Novel custom-made rheometric setup for <i>in situ</i> real-time fast alginate-Ca <sup>2+</sup> gelation	Oral	DG.04 - Chemical (electrochemical) Processes & Reactors	18/11/2020 12:30
Jacky Cheikhwafa, universitat rovira i virgili, tarragona, Spain.	<b>DG.09.16</b>	154	Conversion of Cellulose from Rice Straw to Levulinic Acid	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
Jonathan J. Torrez-Herrera, Public University of Navarra, Pamplona, Spain.	<b>DG.01.01</b>	166	Synthesis of La-hexaaluminates from aluminum-containing saline slag wastes	Oral	DG.01 - Waste Management, Reduction and Valorization, and Circular Economy	16/11/2020 16:30
Jordi Esquena, Spanish Council for Scientific Research (CSIC), Barcelona, Spain.	<b>DG.02.07</b>	22	Preparation and Properties of Multiple Water-in-Water-in-Water (W/W/W) emulsion	Oral	DG.02 - Product Engineering	17/11/2020 12:30
Jordi J Bou, Universitat Politecnica de Catalunya, Barcelona, Spain.	<b>DG.09.01</b>	187	Aerobic Biodegradation of Polycarbonates based on vegetable oils	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
Jordi J. Bou, Universitat Politecnica de Catalunya, Barcelona, Spain.	<b>DG.02.05</b>	188	Hydrolytic degradation of micro and nanoparticles of PLA, according to particle size and dispersion composition	Oral	DG.02 - Product Engineering	17/11/2020 12:30
Jose Maria Gutierrez Gonzalez, University of Barcelona, Barcelona, Spain.	<b>DG.08.02</b>	31	Formulation of Food Dressings with a Low Content in Oil using Water in Water Emulsions	Oral	DG.08 - Pharma & Health & Food	19/11/2020 16:30
José Valecillos, University of the Basque Country, Bilbao, Spain.	<b>DG.05.04</b>	65	Approaches for minimizing catalyst deactivation in the methanol-to-hydrocarbons reaction over ZSM-5 catalysts	Oral	DG.05 - Kinetics & Catalysis	18/11/2020 16:30
Josep Merlo, Nanomol Technologies S.L., 08193 Bellaterra, Spain.	<b>DG.08.09</b>	191	Scale-up and Quality by Design application to the robust production of an enzyme-loaded liposomal formulation by DELOS-susp method	Oral	DG.08 - Pharma & Health & Food	19/11/2020 16:30
Juan Alberto Martín Martín, University of Basque Country (UPV/EHU), Faculty of Science and Technologie, Lejona, Spain.	<b>DG.05.08</b>	141	Alternative Catalytic Formulations for Simultaneous NH <sub>3</sub> -SCR and PCDD/Fs Oxidation	Oral	DG.05 - Kinetics & Catalysis	18/11/2020 16:30
Kourosh Nasr Esfahani, Universitat Politècnica de Catalunya, Barcelona, Spain.	<b>DG.06.07</b>	151	Integrated Mathematical Modelling of Advanced Oxidation Processes and Conventional Bio-Processes for Wastewater Treatment	Oral	DG.06 - Process Systems Engineering	19/11/2020 12:30
Laila Ben Giuma, MELLITAH OIL & GAS , Tripoli, State of Libya .	<b>DG.09.04</b>	157	Solidification/Stabilisation of Drilling Waste Using Portland Cement and GBFS	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
Laura Rancaño, University of Cantabria, Santander , Spain.	<b>DG.09.17</b>	155	Modelling of the removal of metolachlor in a photocatalytic LED reactor	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
Laura Talens Peiró, UAB, Bellaterra, Spain.	<b>DG.03.12</b>	161	'Learn-as-you-go' training to assess the resource efficiency of chemical processes	Oral	DG.03 - Knowledge, Education & Training	17/11/2020 16:30
Leire Landa, University of the Basque Country, UPV/EHU, Leioa, Spain.	<b>DG.05.03</b>	64	Deactivation of NiAl <sub>2</sub> O <sub>4</sub> catalyst in the steam reforming of acetic acid	Oral	DG.05 - Kinetics & Catalysis	18/11/2020 16:30

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Ludmila Hodasova, Universitat Politècnica de Catalunya, Barcelona, Spain.	<b>DG.02.04</b>	173	Biocompatibility and osseointegration properties of 3D-printed polymer infiltrated ceramic networks	Oral	DG.02 - Product Engineering	17/11/2020 12:30
M. Pilar Garcia Armada, E.T.S.I.I.-UPM, Madrid, Spain.	<b>DG.02.09</b>	185	New Composites Based on Magnetic Nanoparticles and Polydopamine	Poster	DG.02 - Product Engineering	17/11/2020 12:30
M. Sarrà, Universitat Autònoma de Barcelona, Barcelona, Spain.	<b>DG.03.13</b>	192	Developing curriculum for education in Sustainable Circular Bioeconomy with Bio-based Products (CYRUS project).	Oral	DG.03 - Knowledge, Education & Training	17/11/2020 16:30
Magdalena Lenz, Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen , Germany.	<b>DG.09.11</b>	72	Electrochemical Impedance spectroscopy for investigating the kinetic behavior of capacitive deionization electrodes	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
Mahdi Sheikh, Universitat Politècnica de Catalunya(UPC), Bracelona, Spain.	<b>DG.10.03</b>	90	Fixed-Bed Column sorption of Ammonium from Treated Municipal wastewater using Clinoptilolite	Oral	DG.10 - Separation Processes	20/11/2020 12:30
Manuel Taifouris, University of Salamanca, Salamanca, Spain.	<b>DG.06.04</b>	66	Methodology for the design of multiproduct facilities: Case of the olive tree	Oral	DG.06 - Process Systems Engineering	19/11/2020 12:30
Mar Durán, Universidad de Murcia, Murcia, Spain.	<b>DG.06.10</b>	106	SPATIAL MEANS AND SURFACE DISTRIBUTIONS OF CONCENTRATIONS OF POLLUTANTS IN AIR. OPTIMIZATION OF THE CALCULATION METHOD	Oral	DG.06 - Process Systems Engineering	19/11/2020 12:30
Mar Durán, Universidad de Murcia, Murcia, Spain.	<b>DG.09.02</b>	105	Hydrogen sulphide levels in a WWTP	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
María Abian, Aragón Institute of Engineering Research (I3A), Zaragoza, Spain.	<b>DG.01.14</b>	77	Experimental and Simulation Study of Ammonia Pyrolysis and Oxidation	Oral	DG.01 - Waste Management, Reduction and Valorization, and Circular Economy	16/11/2020 16:30
María Alzueta, University of Zaragoza, Zaragoza, Spain.	<b>DG.05.07</b>	102	Progressing in the study of H <sub>2</sub> S oxidation at high pressure: Experiments and kinetic modelling	Oral	DG.05 - Kinetics & Catalysis	18/11/2020 16:30
Mariano Martin Martin, University of Salamanca, Salamanca, Spain.	<b>DG.06.01</b>	25	Optimization of CSP facilities using different thermal fluids	Oral	DG.06 - Process Systems Engineering	19/11/2020 12:30
Mariano Martin Martin, University of Salamanca, Salamanca, Spain.	<b>DG.06.02</b>	28	Optimization of the hydrothermal production of fuels from algae	Oral	DG.06 - Process Systems Engineering	19/11/2020 12:30
Martina Hladíková, Faculty of Mechanical Engineering CTU in Prague, Prague, Czech Republic.	<b>DG.10.08</b>	51	Tangential Fluid Flow in a Convective Dryer with Drying Technology Using Nebulisation	Oral	DG.10 - Separation Processes	20/11/2020 12:30
Mateo Saavedra Del Oso, CRETUS Insitute, Department of Chemical Engineering, Universidade de Santiago de Compostela, Santiago de Compostela, Spain.	<b>DG.01.11</b>	174	Preliminary optimization of the environmental performance of PHA downstream processing	Oral	DG.01 - Waste Management, Reduction and Valorization, and Circular Economy	16/11/2020 16:30
Menwer Attarakih, The University of Jordan, Amman, Jordan.	<b>DG.06.03</b>	33	PPBDesigner: A Population Balance Design Software for Particulate Systems	Oral	DG.06 - Process Systems Engineering	19/11/2020 12:30

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Mohammad Shaiful Alam Amin, Universitat Rovira i Virgili, Tarragona, Spain.	<b>DG.09.09</b>	56	Anaerobic Bioreduction of Recalcitrant Compounds by Carbon Based Membranes	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
Natalia Villota, University of the Basque Country UPV/EHU, Vitoria-Gasteiz, Spain.	<b>DG.09.07</b>	26	Oxidation of acetaminophen by ultrasound waves and H <sub>2</sub> O <sub>2</sub> combined technology	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
Natalia Villota, University of the Basque Country UPV/EHU, Vitoria-Gasteiz, Spain.	<b>DG.09.08</b>	27	Comparison of caffeine oxidation by Fenton reagent in combination with UV light and ultrasound waves	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
Nuria Boluda Botella, University of Alicante, Alicante, Spain.	<b>DG.09.22</b>	120	Effect of electromagnetic techniques on water hardness. Applicability of Meigen test in the distinction of calcite and aragonite in water.	Poster	DG.09 - Water Management & Treatments	20/11/2020 11:30
Nuria Boluda Botella, University of Alicante, Alicante, Spain.	<b>DG.09.23</b>	121	Reduction of chloride and sulfate in tertiary treatment waters of a wastewater treatment plant (Alicante, Spain)	Poster	DG.09 - Water Management & Treatments	20/11/2020 11:30
Pablo J. Miguel, Universitat de Valencia, 46100 - VALENCIA, Spain.	<b>DG.05.10</b>	156	Discrimination Models in Catalytic Cracking of <i>n</i> -Alkanes. Thermal Cracking Correction and Extended Dual Kinetic Model	Poster	DG.05 - Kinetics & Catalysis	18/11/2020 16:30
Paloma Carbonell-Hermida, University of Alicante, San Vicente del Raspeig (Alicante), Spain.	<b>DG.07.01</b>	78	<i>NRTL Model for UCST, LCST and Closed-loop LLE Behaviour</i>	Oral	DG.07 - Thermodynamics & Transport Phenomena	19/11/2020 15:30
Philipp Wolf-Zöllner, Montanuniversität Leoben, Leoben, Austria.	<b>DG.05.05</b>	81	Dynamic Methanation of By-product Gases from Integrated Steelworks	Oral	DG.05 - Kinetics & Catalysis	18/11/2020 16:30
Ramón Jiménez Robles, University of Valencia, Valencia, Spain.	<b>DG.02.08</b>	177	Surface modification of membranes for methane degassing from water: preliminary study on hydrophobicity and performance	Poster	DG.02 - Product Engineering	17/11/2020 12:30
Ramón Jiménez Robles, University of Valencia, Valencia, Spain.	<b>DG.10.07</b>	176	Evaluation of the combo mode operation of a PP membrane module for methane degassing of anaerobic effluents	Oral	DG.10 - Separation Processes	20/11/2020 12:30
Raquel Ibañez, University of Cantabria, Santander, Spain.	<b>DG.01.06</b>	133	The Monetised Footprint Index: the production of HCl by EDBM	Oral	DG.01 - Waste Management, Reduction and Valorization, and Circular Economy	16/11/2020 16:30
Raúl García-Cervilla, Complutense University of Madrid (UCM), Madrid, Spain.	<b>DG.01.13</b>	125	Non-productive consumption of persulfate and surfactants in remediation by S-ISCO of a site polluted by a complex DNAPL mixture	Oral	DG.01 - Waste Management, Reduction and Valorization, and Circular Economy	16/11/2020 16:30
Rodrigo Mallorquín, Universidad Nacional de Asunción, San Lorenzo, Paraguay.	<b>DG.09.20</b>	184	Preparation and characterization of polyethersulfone/ polyvinyl alcohol/ zinc oxide composite membrane for dye removal	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
Rosa Buxeda, University of Puerto Rico, Mayagüez Campus, Mayagüez, Puerto Rico.	<b>DG.03.10</b>	74	Enhancing the Chemical Engineering Student Technical and Soft Skills Competencies in Biomanufacturing	Oral	DG.03 - Knowledge, Education & Training	17/11/2020 16:30

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Salvador Asensio Delgado, Universidad de Cantabria, Santander, Spain.	<b>DG.07.06</b>	182	Solubility differences of refrigerant gases in ionic liquids	Oral	DG.07 - Thermodynamics & Transport Phenomena	19/11/2020 15:30
Santiago Esplugas, Universitat de Barcelona, Barcelona, Spain.	<b>DG.09.10</b>	60	TiO <sub>2</sub> photocatalyst reactivity in highly saline water under simulated sunlight irradiation	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
Sara Claramunt, Karlsruhe Institute of Technology, Karlsruhe, Germany.	<b>DG.10.06</b>	169	Fabrication and characterisation of membranes for micro reactors for the intensification of condensation reactions	Oral	DG.10 - Separation Processes	20/11/2020 12:30
Selene Rosado, UPC, Barcelona, Spain.	<b>DG.08.10</b>	186	Hibiscus Sabdadriffa L. compounds diffusivity through calcium alginate beads	Oral	DG.08 - Pharma & Health & Food	19/11/2020 16:30
Sepideh Izaddoust, Universidad del país Vasco, Leioa, Bizkaia, Spain.	<b>DG.05.06</b>	89	Deepening on coke formation and deactivation during 1-butene oligomerization on a HZSM-5 zeolite catalyst	Oral	DG.05 - Kinetics & Catalysis	18/11/2020 16:30
Sergio A. Solis González, CIATEJ, Guadalajara, Mexico.	<b>DG.05.09</b>	167	Superoxide radical determination in degradation of a NBD-Cl compound during catalytic ozonation using natural catalysts	Oral	DG.05 - Kinetics & Catalysis	18/11/2020 16:30
Shabnam Morakabatchiankar, Universitat Politècnica de Catalunya, Barcelona, Spain.	<b>DG.06.06</b>	148	Optimal Design and planning supply chains of multi renewable resource-based energy/material applied in process industries	Oral	DG.06 - Process Systems Engineering	19/11/2020 12:30
Simona Neri, IRIS Technology Solutions, Castelldefels, Spain.	<b>DG.02.03</b>	150	Process Analytical Technologies for Industrial Nanoparticles Production	Oral	DG.02 - Product Engineering	17/11/2020 12:30
Tamara Sampedro Pelayo, Universidad de Cantabria, Santander, Spain.	<b>DG.04.06</b>	172	Scenario screening for Salinity Gradient Power recovery in WWTPs	Oral	DG.04 - Chemical (electrochemical) Processes & Reactors	18/11/2020 12:30
Thapelo Shomana, Botswana International University of Science and Technology, Palapye, Botswana.	<b>DG.01.07</b>	140	Pyrolysis Kinetics Analysis of Different Types of Poultry Litter	Oral	DG.01 - Waste Management, Reduction and Valorization, and Circular Economy	16/11/2020 16:30
Thomas Charpin, CEA Marcoule, 30207 Bagnols-sur-Cèze cedex, France.	<b>DG.10.09</b>	4	Volatilization and recapture of radiotoxic components in the radioactive waste vitrification process	Oral	DG.10 - Separation Processes	20/11/2020 12:30
Timor Pel, Sami Shamoon College of Engineering, Beer-Sheva, Israel.	<b>DG.10.02</b>	45	The effect of two-phase and oscillating flow on UF membranes <i>Timor Pel, Inna Levitsky, Dorith Tavor</i>	Oral	DG.10 - Separation Processes	20/11/2020 12:30
Tomás Cordero-Lanzac, University of the Basque Country (UPV/EHU), Bilbao, Spain.	<b>DG.05.02</b>	50	Lumping the dual cycle mechanism for the kinetic model of the dimethyl ether to olefins process	Oral	DG.05 - Kinetics & Catalysis	18/11/2020 16:30
Vahid Foroughi, Universitat Politècnica de Catalunya, Barcelona, Spain.	<b>DG.06.09</b>	101	The Effects of Jet Fire Flames Impingement	Oral	DG.06 - Process Systems Engineering	19/11/2020 12:30
Vitor Bonamigo Moreira, Universitat Politècnica de Catalunya, Barcelona, Spain.	<b>DG.01.12</b>	178	Use of poly(limonene-8,9-oxide carbonate) as a bio-based prepolymer for epoxy thermoset production	Oral	DG.01 - Waste Management, Reduction and Valorization, and Circular Economy	16/11/2020 16:30

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<b>PRESENTING AUTHOR indicated during the submission (it may differ from the final presenter)</b>	<b>Presentation Code</b>	<b>Abstract reference number</b>	<b>Title</b>	<b>Presentation</b>	<b>DG session name</b>	<b>Date &amp; Time</b>
Xanel Vecino, Universitat Politècnica de Catalunya (UPC), Barcelona, Spain.	<b>DG.01.05</b>	95	Copper recovery from bottom ash by electrowinning: operational conditions study	Oral	DG.01 - Waste Management, Reduction and Valorization, and Circular Economy	16/11/2020 16:30
Xanel Vecino, Universitat Politècnica de Catalunya, Barcelona, Spain.	<b>DG.09.14</b>	94	Operation mode study of liquid-liquid membrane contactors for ammonia valorisation as liquid fertilizers from domestic wastewater	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
Yaneth Cardona, Public University of Navarra, Pamplona, Spain.	<b>DG.09.18</b>	168	Progress for the use of pillared interlayered clays as adsorbents for organic compounds in aqueous solutions	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30
Yaride Perez Pacheco, Universitat Rovira i Virgili, Tarragona, Spain.	<b>DG.08.08</b>	126	Capsules of Chitosan a tailor drug delivery system with controlled release for specific organs	Oral	DG.08 - Pharma & Health & Food	19/11/2020 16:30
Yu Xiangwei, Universitat Politècnica de Catalunya, Barcelona, Spain.	<b>DG.09.15</b>	152	Improving photo-Fenton process by hydrogen peroxide dosage strategies. Dissolved oxygen performance indicator	Oral	DG.09 - Water Management & Treatments	20/11/2020 11:30