



PROVISIONAL PROGRAMME

Summary Schedule

WEDNESDAY 24 OCTOBER 2018	
9:30	Opening ceremony
10:00	Plenary conference
10:45	Parallel sessions
11:15	Coffee break
11:45	Oral Presentations
13:30	Lunch
15:00	Oral Presentations
17:00	Coffee break
17:00	Poster Session I
19:00	End of Works
19:30	Tourist visit

THURSDAY 25 OCTOBER 2018	
9:00	Plenary Conference
9:45	Parallel sessions
10:15	Oral presentations
11:00	Coffee break
11:30	Oral Presentations
13:15	Lunch
15:00	Oral presentations
17:00	Coffee break
17:00	Poster Session II
19:00	End of Works
21:00	Gala dinner

FRIDAY 26 OCTOBER 2018	
9:00	Plenary Conference
9:45	Parallel sessions
10:15	Oral presentations
10:45	Coffee break
11:15	Oral Presentations
12:45	Concluding remarks/Closing ceremony
13:15	Farewell cocktail



Programme at a glance. Wednesday 24/10/2018

8:30	Registration		
	Aula Magna		
9:30	Opening ceremony		
10:00	PLENARY TALK PT1 Naceur Belgacem		
	Aula Magna	Salón de Grados I	
	SESSION O1. Biomass for Biorefineries	SESSION O2. Pretreatment and fractionation	
10:45	Keynote 1. Carolina Grassi State University of Campinas, Brasil	Keynote 2. José António Teixeira. Universidade de Minho, Portugal	
11:15	Coffee break		
11:45	Oral 1.1 44	Oral 2.1 2	
12:00	Oral 1.2 96	Oral 2.2 34	
12:15	Oral 1.3 171	Oral 2.3 35	
12:30	Oral 1.4 193	Oral 2.4 90	
12:45	Oral 1.5 209	Oral 2.5 127	
13:00	Oral 1.6 212	Oral 2.6 129	
13:15	Oral 1.7 267	Oral 2.7 228	
13:30	Lunch		
	Aula Magna	Salón de Grados I	Salón de Grados II
	SESSION O3. Thermochemical platform	SESSION O4. Biochemical processes	SESSION O5. Biobased compounds (I)
15:00	Keynote 3. David Serrano IMDEA-Energy Madrid, Spain	Keynote 4. Jeroen Hugenholtz. Wageningen Food & Biobased Research, The Netherlands	Keynote 5. Alfredo Martínez. Instituto de Biotecnología. UNAM, Mexico
15:30	Oral 3.1 15	Oral 4.1 42	Oral 5.2 45
15:45	Oral 3.2 94	Oral 4.2 69	Oral 5.3 48
16:00	Oral 3.3 124	Oral 4.3 84	Oral 5.4 73
16:15	Oral 3.4 150	Oral 4.4 117	Oral 5.5 101
16:30	Oral 3.5 165	Oral 4.5 135	Oral 5.6 276
16:45	Oral 3.6 264	Oral 4.6 158	
17:00	Coffee break		
	Poster session I		
19:00	END OF WORKS		
19:30	Tourist Visit		

Programme at a glance. Thursday 25/10/2018

8:30	Registration		
9:00	PLENARY TALK PT2 Gregg Beckham		
	Aula Magna	Salón de Grados I	Salón de Grados II
	SESSION O6. Biobased compounds (II)	SESSION O7. Green Chemistry	SESSION O8. Advances in Biorefineries
9:45	Keynote 6. Davinia Salvachúa NREL, USA	Keynote 7. Jason Hallett Imperial College of London, UK	Keynote 8. George Huber . University of Wisconsin-Madison, USA
10:15	Oral 6.1 121	Oral 7.1 61	Oral 8.1 17
10:30	Oral 6.2 123	Oral 7.2 66	Oral 8.2 29
10:45	Oral 6.3 125	Oral 7.3 151	Oral 8.3 56
11:00	Coffee break		
11:30	Oral 6.4 146	Oral 7.4 159	Oral 8.4 68
11:45	Oral 6.5 160	Oral 7.5 172	Oral 8.5 136
12:00	Oral 6.6 192	Oral 7.6 177	Oral 8.6 140
12:15	Oral 6.7 194	Oral 7.7 179	Oral 8.7 152
12:30	Oral 6.8 211	Oral 7.8 255	Oral 8.8 176
12:45	Oral 6.9 229	Oral 7.9 273	Oral 8.9 180
13:00		Oral 7.10 295	Oral 8.10 234
13:15	Lunch		
	Aula Magna	Salón de Grados I	
	SESSION O9. Techno-economic evaluation, sustainability and LCA analysis	SESSION O10. Algal biomass and transformations	
15:00	Keynote 9. Carlos A. Cardona Universidad Nacional de Colombia	Keynote 10. Gabriel Ación Universidad de Almería, Spain	
15:30	Oral 9.1 46	Oral 10.1 104	
15:45	Oral 9.2 49	Oral 10.2 145	
16:00	Oral 9.3 77	Oral 10.3 259	
16:15	Oral 9.4 153	Oral 10.5 Aqualia	
16:30	Oral 9.5 223	Oral 10.6 Biorizon	
16:45	Oral 9.6 278		
17:00	Coffee break		
	Poster session II		
19:00	END OF WORKS		
21:00	Gala Dinner		



Programme at a glance. **Friday 26/10/2018.**

8:30	Registration	
9:00	PLENARY TALK PT3 Francisco Gírio	
	Aula Magna	Salón de Grados I
	SESSION O11. Lignin production and applications	SESSION O12. Ongoing biorefinery projects
9:45	Keynote 11. Ingvar Landälv European Biofuels Technology Platform	Keynote 12. Rafael Luque Universidad de Córdoba
10:15	Oral 11.1 55	Oral 12.1 8
10:30	Oral 11.2 114	Oral 12.2 10
10:45	Coffee break	
11:15	Oral 11.3 174	Oral 12.3 122
11:30	Oral 11.4 236	Oral 12.4 170
11:45	Oral 11.5 237	Oral 12.5 173
12:00	Oral 11.6 252	Oral 12.6 186
12:15	Oral 11.7	Oral 12.7 249
12:30		Oral 12.8 263
12:45	Concluding remarks Closing ceremony	
13:15	Farewell cocktail	



Extended provisional programme

O1

	Wednesday 24/10/2018
8:30	Registration
9:30	Opening ceremony
10:00	PLENARY TALK PT1 Naceur Belgacem
	Aula Magna
	SESSION O1. Biomass for Biorefineries
10:45	Keynote 1. Carolina Grassi State University of Campinas, Brasil
11:15	Coffee break
11:45	Oral 1.1 44 Alejandro Rodríguez, Eduardo Espinosa, Juan Domínguez-Robles, Isabel Bascón and Rafael Sánchez. WHEAT STRAW VALORIZATION. MUCH MORE THAN BREAD
12:00	Oral 1.2 96 Miguel Ladero, Juan Carlos Villar, Victoria E. Santos and Felix García-Ochoa. 2G BIOREFINERY: FROM MULTIPLE RAW MATERIALS TO DIVERSE PRODUCTS
12:15	Oral 1.3 171 Mikel Orive and David San Martín. VALORISATION OF BREWERS' BY-PRODUCTS AS SECOND-GENERATION FEEDSTUFF FOR AQUACULTURE FEED
12:30	Oral 1.4 193 Csaba Fehér, Bettina Paszerbovics and Soma Bedő. SUGAR-PLATFORM BIOREFINING OF AGRO-INDUSTRIAL BY-PRODUCTS
12:45	Oral 1.5 209 Christian A. Hernández, Enrique Alarcón, Arturo Sánchez and Idania Valdez Vázquez. CHARACTERIZATION OF LIGNOCELLULOSIC AGRICULTURE FEEDSTOCKS IN MEXICO
13:00	Oral 1.6 212 Cátia Mendes, Priscilla Vergara, José Carbajo, Juan Villar, Jorge Rocha and M. Graça Carvalho. VALORIZATION OF LIGNOCELLULOSIC RESIDUES: BIOCHEMICAL PLATFORM FOR ETHANOL PRODUCTION
13:15	Oral 1.7 267 Junia Alves-Ferreira, María C. Fernandes, Luís C. Duarte, Alfredo Martínez, Helena Pereira and Florbela Carvalheiro. DEVELOPMENT OF A COMPLETE VALORIZATION STRATEGY FOR <i>Cistus ladanifer</i> RESIDUES
13:30	Lunch

02

Wednesday 24/10/2018	
8:30	Registration
9:30	Opening ceremony
10:00	PLENARY TALK PT1 Naceur Belgacem
	Salón de Grados I
	SESSION 02. Pretreatment and fractionation
10:45	Keynote 2. José António Teixeira Universidade de Minho, Portugal
11:15	Coffee break
11:45	Oral 2.1 2 Carlos Arce, Edmond Maican, Maríana Ferdes, Tamara Llano and Alberto Coz. LIGNOCELLULOSIC WASTE PRETREATMENT WITH DEEP EUTECTIC SOLVENTS
12:00	Oral 2.2 34 Carlos Orestes and Martín Medina. DILUTE-SULFURIC-ACID PRETREATMENT OF DE-STARCHED CASSAVA STEMS FOR ENHANCING THE ENZYMATIC CONVERTIBILITY AND TOTAL GLUCAN RECOVERY
12:15	Oral 2.3 35 María José Cocero Alonso, Celia M Martínez, Luis Vaquerizo and Tijana Adamovic. LIGNOCELLULOSIC BIOMASS REFINERY BY SUBCRITICAL/ SUPERCRITICAL WATER ULTRAFast HYDROLYSIS
12:30	Oral 2.4 90 Rita Pontes, Aloia Romaní, Michele Michelin, Lucília Domingues, José Teixeira and João Nunes. MULTI-FEEDSTOCK BIOREFINERY FOR VALORIZATION OF FOREST AND MARGINAL LAND RESOURCES: COMPARATIVE AUTOHYDROLYSIS
12:45	Oral 2.5 127 Pablo G. Del Río, Daniel R. Ramos, Elena Domínguez, Viana D. Domínguez and Gil Garrote. ACID PRETREATMENT OF PAULOWNIA WOOD
13:00	Oral 2.6 129 Elisa Zanuso, Daniela Aguilar, Rosa Rodríguez, Arturo Sánchez and Héctor Ruiz. POTENTIAL OF AGAVE BAGASSE FEEDSTOCK FOR BIOREFINERY – HYDROTHERMAL PRETREATMENT
13:15	Oral 2.7 228 Juan R. Portela. HYDROTHERMAL PROCESSES FOR BIOMASS AND ORGANIC WASTEWATERS VALORIZATION
13:30	Lunch

03

Wednesday 24/10/2018	
	Aula Magna
	SESSION 03. Thermochemical platform
15:00	Keynote 3. David Serrano IMDEA-Energy Madrid, Spain
15:30	Oral 3.1 15 Sergio Jiménez, Ángel Peral, Patricia Pizarro and David Pedro Serrano. EX-SITU FAST CO-PYROLYSIS OF EUCALYPTUS WOODCHIPS AND LOW DENSITY POLYETHYLENE WITH ZEOLITE AND MESOPOROUS
15:45	Oral 3.2 94 Jaime Martín-Pascual, Miguel Luis Rodríguez, Joaquín Jódar and Montserrat Zamorano. DETERMINATION OF OPTIMAL OPERATIVE CONDITIONS FOR TORREFACTION OF OLIVE WASTE BIOMASS
16:00	Oral 3.3 124 Charlie Stephan, Coumba Doucoure, Farida Lamari, Paolo Stringari, Christophe Coquelet and Moussa Dicko. AN APPROACH TO SIMULATE LIQUID-LIQUID EXTRACTION FROM PYROLYSIS BIO-OIL IN PROCESS SIMULATION SOFTWARES. LIQUID-LIQUID
16:15	Oral 3.4 150 Antonio Chica and María Consuelo Hernández-Soto. NICKEL-BASED CATALYSTS TO ENHANCE HYDROGEN PRODUCTION DURING TOBACCO BIOMASS GASIFICATION
16:30	Oral 3.5 165 Luis Romero-Hermoso, Mara Cea, María Eugenia González and Rodrigo Navia. CARBON SPHERES FROM BEET MOLASSES USING MICROWAVE ASSISTED HYDROTHERMAL CARBONIZATION
16:45	Oral 3.6 264 Andrés Álvarez-Murillo, Beatriz Ledesma, Silvia Román, Carmen M. González-García, Eduardo Sabio and Juan Félix González. THE CASE OF A GASIFICATION PILOT POWER PLANT. BUILDING UP AND OPERATION
17:00	Coffee break
	Poster session I
19:00	END OF WORKS
19:30	Tourist Visit

O4

Wednesday 24/10/2018	
Salón de Grados I	
SESSION O4. Biochemical processes	
15:00	Keynote 4. Jeroen Hugenholtz Wageningen Food & Biobased Research, The Netherlands
15:30	Oral 4.1 42 Enrique Cubas-Cano, Mercedes Ballesteros, Cristina González-Fernández and Elia Tomás-Pejó. LACTIC ACID PRODUCTION FROM HEMICELLULOSIC HYDROLYSATES BY <i>Lactobacillus pentosus</i> CECT 4023T IN A BIOREFINERY CONTEXT
15:45	Oral 4.2 69 Marcela Pino, Rosa Rodríguez, Michelin Michele, Ricardo Morales and Héctor Ruiz. ENZYMATIC HYDROLYSIS OF HIDROTHERMALLY PRETREATED AGAVE BAGASSE
16:00	Oral 4.3 84 Andrés Felipe Arroyo Avirama, Jorge Alberto Vásquez Castillo, Brayan Stiven Valdés Álzate, Francy Camila Chaves Erazo and Jhon. EVALUATION OF SUBSTRATE AND NITROGEN CONCENTRATION IN AN ALCOHOLIC FERMENTATION PROCESS WITH CASSAVA'S FLOUR
16:15	Oral 4.4 117 Helena Fernandes, Nicole Pires, Helena Peres, Aires Oliva-Teles, Isabel Belo and José Salgado. SOLID-STATE FERMENTATION OF <i>Ulva rigida</i> FOR PRODUCTION OF CELLULASES, XYLANASES AND B-GLUCOSIDASE
16:30	Oral 4.5 135 Sofia Maina, Seraphim Papanikolaou, Aline Machado de Castro and Apostolis Koutinas. BIOPROCESS DEVELOPMENT FOR THE PRODUCTION OF 2R,3R-BUTANEDIOL AND ACETOIN USING A NEWLY ISOLATED GRAS STRAIN
16:45	Oral 4.6 158 Sara Baptista, Aloia Romaní, Joana Cunha and Lucília Domingues. BIOTECHNOLOGICAL PRODUCTION OF XYLITOL: ENGINEERING INDUSTRIAL <i>Saccharomyces cerevisiae</i> FOR VALORIZATION OF LIGNOCELLULOSIC BIOMASS
17:00	Coffee break
	Poster session I
19:00	END OF WORKS
19:30	Tourist Visit

05

Wednesday 24/10/2018	
Salón de Grados II	
SESSION 05. Biobased compounds (I)	
15:00	Keynote 5. Alfredo Martínez Instituto de Biotecnología, UNAM, Mexico
15:30	Oral 5.1 45 Isabel Bascón Villegas, Rafael Sánchez, Juan Domínguez Robles, Eduardo Espinosa, Mónica Sánchez and Alejandro Rodríguez. PRODUCTION OF CELLULOSE FROM VEGETABLE PLANTS. ENVIRONMENTALLY FRIENDLY PROCESS
15:45	Oral 5.2 48 Eduardo Espinosa, Rafael Sánchez, Juan Domínguez-Robles, Isabel Bascón-Villegas, Mónica Sánchez-Gutiérrez and Alejandro Rodríguez. <i>Chamaecytisus proliferus</i> AND <i>Leucaena leucocephala</i> AS NEW SOURCE FOR LIGNOCELLULOSE NANOFIBER ISOLATION: PHYSICOCHEMICAL, THERMAL AND RHEOLOGICAL CHARACTERIZATION
16:00	Oral 5.3 73 Daniel Martínez, Gary Chinga-Carrasco and Diego Moldes. ENZYMATICALLY-HYDROPHOBIZED TMP FIBRES FOR THE MANUFACTURING OF BIOCOMPOSITE FILAMENTS FOR 3D PRINTING
16:15	Oral 5.4 101 Cristina González, Jose Antonio Magdalena, Alexandre Colzi, Mercedes Llamas and Mercedes Ballesteros. SEMI-CONTINUOUS ANAEROBIC DIGESTION OF PROTEASE PRETREATED <i>Chlorella vulgaris</i> FOR THE PRODUCTION OF VOLATILE FATTY ACIDS
16:30	Oral 5.5 276 Tamara Llano, Ana Portilla, Javier Viguri, Ariztegi Leire, Aramburu Iñaki and Coz Alberto. MOLECULAR WEIGHT DISTRIBUTION OF WASTE FISH HYDROLYSATES THROUGH HPLC-DAD
16:45	
17:00	Coffee break
	Poster session I
19:00	END OF WORKS
19:30	Tourist Visit

O6

Thursday 25/10/2018	
8:30	Registration
9:00	PLENARY TALK PT2 Gregg Beckham
	Aula Magna
	SESSION O6. Biobased compounds (II)
9:45	Keynote 6. Davinia Salvachúa NREL, USA
10:15	Oral 6.1 121 Cristina Valls, Francisco Javier Pastor, Teresa Vidal, M. Blanca Roncero, Pilar Díaz, Josefina Martínez and Susana V. Valenzuela. DISTINCT ANTIOXIDANT ACTIVITY OF XOS OBTAINED BY SEVERAL XYLANASES
10:30	Oral 6.2 123 Ana S. Pereira, Sílvia M. Miranda, Marlene Lopes and Isabel Belo. BIOCONVERSION OF VOLATILE FATTY ACIDS INTO MICROBIAL LIPIDS BY <i>Yarrowia lipolytica</i>
10:45	Oral 6.3 125 Mercedes Llamas, Mercedes Ballesteros, Elia Tomás-Pejó and Cristina González. <i>Yarrowia lipolytica</i> AS A PROMISING CANDIDATE FOR THE SUSTAINABLE PRODUCTION OF FATTY ACID-BASED BIOFUELS FROM ANAEROBIC DIGESTION EFFLUENTS
11:00	Coffee break
11:30	Oral 6.4 146 Alfredo Oliva Taravilla, Carlos Martin and Leif Jönsson. THE USE OF BIOSURFACTANTS FOR OVERCOMING CATALYTICALLY NON-PRODUCTIVE ADSORPTION OF CELLULOSE-DEGRADING ENZYMES TO HIGH-LIGNIN SUBSTRATES
11:45	Oral 6.5 160 Aikaterini Papadaki, Erika Agueiras, Nikolaos Kopsahelis, Seraphim Papanikolaou, Denise Freire, Ioanna Mandala and Apostolis Koutinas. BIOPROCESS DEVELOPMENT FOR THE PRODUCTION OF OLEOGELS AS NOVEL FOOD FORMULATION USING OLEAGINOUS YEAST VIA THE VALORISATION OF SOYBEAN AND SUGARCANE MILLS SIDE STREAMS
12:00	Oral 6.6 192 Agostinho M.R.C. Alexandre, Teresa Serra, Ana Matias, María José Cocero and María Rosário Bronze. RECOVERY OF BIOACTIVES FROM STRAWBERRY-TREE FRUIT DISTILLATE RESIDUE USING GREEN TECHNOLOGIES: A BIOREFINERY APPROACH
12:15	Oral 6.7 194 Joana Cunha, Carlos Costa, Sara Baptista, Aloia Romaní and Lucília Domingues. YEAST CELL FACTORY DEVELOPMENT FOR BIOREFINERIES
12:30	Oral 6.8 211 Felicia Rodríguez and Arturo Sánchez. XYLOOLIGOSACHARIDES PRODUCTION FROM LIGNOCELLULOSIC BIOMASS USING A CONTINUOUS TUBULAR PRETREATMENT REACTOR
12:45	Oral 6.9 229 Jhonny Poveda Giraldo, Mariana Ortiz Sánchez and Carlos Ariel Cardona Alzate. ANALYSIS OF VANILLIN PRODUCTION IN A BIOREFINERY WAY BASED ON <i>Pinus patula</i>
13:15	Lunch

07

Thursday 25/10/2018	
8:30	Registration
9:00	PLENARY TALK PT2 Gregg Beckham
	Salón de Grados I
	SESSION 07. Green Chemistry
9:45	Keynote 7. Jason Hallett Imperial College of London, UK
10:15	Oral 7.1 61 Alberto Fernández-Arroyo, Marcelo E. Domine and José M. López-Nieto. VALORIZATION OF BIOMASS DERIVATIVES IN AQUEOUS-PHASE OVER TIN-NIOBIUM MIXED OXIDES ACID CATALYSTS
10:30	Oral 7.2 66 Juan A. Melero, Gabriel Morales, José Iglesias, Marta Paniagua and Clara López-Aguado. ONE-POT TRANSFORMATION OF FURFURAL TOWARDS γ -VALEROLACTONE OVER AN EFFICIENT BIFUNCTIONAL Zr-Al-BETA CATALYST: TOWARDS THE EFFICIENT USE OF THE BIOMASS
10:45	Oral 7.3 151 Juan Antonio Melero, Jovita Moreno, José Iglesias, Gabriel Morales, Rebeca Sánchez-Vázquez and Beatriz García. GLUCOSE TO SORBITOL BY HYDROGEN TRANSFER ON NICKEL CATALYSTS
11:00	Coffee break
11:30	Oral 7.4 159 Santiago Gutiérrez Rubio, Inés Moreno, Juan M. Coronado and David P. Serrano. FINE CHEMICALS SYNTHESIS FROM BIO-OILS USING ZSM-5 ZEOLITES
11:45	Oral 7.5 172 Jaime Mazarío and Marcelo Domine. CU-BASED MIXED OXIDES AS HIGHLY TUNEABLE CATALYSTS FOR THE SELECTIVE DEHYDRATION OF GLYCEROL
12:00	Oral 7.6 177 Antonia Infantes-Molina, Elena Rodríguez-Aguado, Daniel Ballesteros-Plata, Juan A. Cecilia and Enrique Rodríguez-Castellón. NANOCATALYSTS FOR OXYGEN REMOVAL FROM BIOMASS DERIVED BIOFUEL
12:15	Oral 7.7 179 Erminda Tsouko, Aikaterini Papadaki and Apostolis Koutinas. SYNTHESIS OF ISOPROPYL AND 2-ETHYLHEXYL ESTERS FROM MICROBIAL OIL RICH IN GAMMA-LINOLENIC ACID
12:30	Oral 7.8 255 Juan Colmenares Quintero and Paweł Lisowski. THE INTEGRITY OF TiO ₂ AND BIOCHAR-BASED SUPPORT AS A COMPOSITE PHOTOCATALYST FOR WATER REMEDIATION AND ORGANIC SYNTHESIS
12:45	Oral 7.9 273 Deyang Zhao, Yantao Wang, Frederic Delbec and Christophe Len. MICROWAVE AND CONTINUOUS FLOW FOR THE PRODUCTION OF FURFURAL AND THE CORRESPONDING NITROGEN DERIVATIVES
13:00	Oral 7.10 295 Haris Abubackar, Borja Lagoa, María Veiga and Christian Kennes. BIOCONVERSION OF SYNGAS TO ETHANOL AND OTHER BIOCOMMODITIES BY <i>Clostridium autoethanogenum</i>
13:15	Lunch

O8

Thursday 25/10/2018	
8:30	Registration
9:00	PLENARY TALK PT2 Gregg Beckham
	Salón de Grados II
	SESSION O8. Advances in Biorefineries
9:45	Keynote 8. George Huber. University of Wisconsin-Madison, USA
10:15	Oral 8.1 17 Darwin Carranza Saavedra, Claudia Patricia Valenzuela Real and José Fernando Solanilla Duque. PHYSICOCHEMICAL CHARACTERIZATION AND CARBOHYDRATE HYDROLYSIS STUDY FROM ARRACACHA ROOTS (<i>Arracacia xanthorrhiza</i> BANCROFT)
10:30	Oral 8.2 29 Yadira Elizabeth Vargas García, Joffre Adrián Pazmiño Sánchez, Javier Andrés Dávila Rincón, José Antonio Rojas Chamorro, Manuel Jesús Díaz Villanueva and Eulogio Castro Galiano. POTENTIAL BIOMASS FOR ENERGY AND NON-ENERGY BIOPRODUCTS IN EMERGING COUNTRIES. ECUADOR CASE
10:45	Oral 8.3 56 Gracia M Cabello González, Ángel Luis Villanueva Perales, Manuel Campoy Naranjo, Fernando Vidal Barrero, Agustín Martínez Feliú and Pedro Ollero de Castro. EFFECT OF CO-FEEDING WATER IN THE CONVERSION OF BIOETHANOL INTO 1,3-BUTADIENE OVER HFZN/SIO ₂ CATALYSTS
11:00	Coffee break
11:30	Oral 8.4 68 Ana Elisa Matias, Silvio Vaz Junior and Bruno Sampaio. CATALYTIC DEGRADATION OF KRAFT LIGNIN INTO ANTIOXIDANTS
11:45	Oral 8.5 136 Wardleison Martins Moreira, Paula Valéria Viotti, Mara Heloisa Neves Olsen Scaliante, Marcelino Luiz Gimenes and Cristina Maria Dos Santos Gaudêncio Baptista. A BLEND OF TANNIN AND INTEGRAL KRAFT BLACK LIQUOR AS RAW MATERIAL FOR POLYCONDENSATION REACTION
12:00	Oral 8.6 140 Miguel Carmona-Cabello, Il Garcia, E Tsouko, A Papadaki, Apostolis Koutinas and M. Pilar Dorado. VALORIZATION OF FOOD-INDUSTRY WASTES THROUGH A BIODIESEL BIOREFINERY APPROACH
12:15	Oral 8.7 152 M.Vanesa Domínguez Barroso, Concepción Herrera, M. Angeles Larrubia and Luis Alemany. HETEROGENIZATION OF SIMULTANEOUS ESTERIFICATION AND TRANSESTERIFICATION REACTIONS. AN APPROXIMATION TO PILOT PLANT APPLICATION
12:30	Oral 8.8 176 Silvia Mau, Julián Quintero, Juan Carlos Gentina and Germán Aroca. IMPACT OF INHIBITORY COMPOUNDS ON BUTANOL PRODUCTION BY <i>Clostridium acetobutylicum</i> ATCC 824
12:45	Oral 8.9 180 Eleni Stylianou, Chrysanthi Pateraki and Apostolis Koutinas. BIO-BASED SUCCINIC ACID PRODUCTION BY <i>Basfia succiniciproducens</i> CULTIVATED ON HYDROLYSATES DERIVED FROM THE ORGANIC FRACTION OF MUNICIPAL SOLID WASTE STREAMS
13:00	Oral 8.10 234 Carla Silva. SUSTAINABILITY ASSESSMENT OF A WASTEWATER BIOREFINERY
13:15	Lunch

09

Thursday 25/10/2018	
Aula Magna	
SESSION 09. Techno-economic evaluation, sustainability and LCA analysis	
15:00	Keynote 9. Carlos A. Cardona Universidad Nacional de Colombia
15:30	Oral 9.1 46 Mikel Orive, Marta Cebrián, Javier Amayra, Jaime Zufía and Carlos Bald. TECHNO-ECONOMIC ASSESSMENT OF A BIOREFINERY PLANT FOR OLIVE MARC (ORUJILLO) VALORIZATION
15:45	Oral 9.2 49 Pedro L. Cruz, Diego Iribarren and Javier Dufour. MODELLING AND ASSESSING THE USE OF BIOMASS FEEDSTOCK IN CONVENTIONAL REFINERIES: A COMPARATIVE LIFE-CYCLE STUDY
16:00	Oral 9.3 77 María Teresa Moreira, Iana Cámara Salim, Sara Bello and Gumersindo Feijoo. HETEROGENEOUS ACID-CATALYSIS FOR THE PRODUCTION OF FURAN-DERIVED COMPOUNDS FROM RENEWABLE CARBOHYDRATES: A LIFE CYCLE APPROACH
16:15	Oral 9.4 153 Mar Palmeros Parada, Lotte Asveld, Patricia Osseweijer and John Posada-Duque. TOWARDS SUSTAINABLE BIOREFINERIES, EMPIRICAL EXPLORATIONS WITH VALUE SENSITIVE DESIGN
16:30	Oral 9.5 223 Ana Laura Morales-García and Idania Valdez Vázquez. SUSTAINABILITY ASSESSMENT IN AGAVE RESIDUE BIOREFINERIES
16:45	Oral 9.6 278 Somayeh Farzad, Mohsen Mandegari, Kathleen Haigh, Abdul Petersen and Johann Gorgens. BIOREFINERIES AS EXTENSIONS TO SUGAR MILLS: SUSTAINABILITY AND SOCIAL UPLIFTMENT IN THE GREEN ECONOMY
17:00	Coffee break
Poster session II	
19:00	END OF WORKS
21:00	Gala Dinner

O10

Thursday 25/10/2018	
	Salón de Grados I
	SESSION O10. Algal biomass and transformations
15:00	Keynote 10. Gabriel Acién Universidad de Almería, Spain
15:30	Oral 10.1 104 Cintia Gómez Serrano, José María Fernández Sevilla and Francisco Gabriel Acién Fernández. COMPARISON OF DIFFERENT WASTEWATERS FOR PRODUCTION OF MICROALGAL BIOMASS
15:45	Oral 10.2 145 Jesús M ^a Martín Marroquín, Dolores Hidalgo and Francisco Corona. HETEROTROPHIC ALGAE SYSTEM FOR THE TREATMENT OF EFFLUENTS GENERATED BY THE FRUIT AND VEGETABLE PROCESSING INDUSTRY
16:00	Oral 10.3 259 Daniela Morales-Sánchez, John Kyndt and Alfredo Martínez. HETEROTROPHIC CULTURES OF <i>Neochloris oleoabundans</i> AND PROTEOMIC ANALYSIS REVEALED KEY ENZYMES FOR LIPID ACCUMULATION
16:15	Oral 10.4 Aqualia
16:40	Oral 10.5 Biorizon
17:00	Coffee break
	Poster session II
19:00	END OF WORKS
21:00	Gala Dinner

O11

Friday 26/10/2018	
8:30	Registration
9:00	PLENARY TALK PT3 Francisco Gírio
	Aula Magna
	SESSION O11. Lignin production and applications
9:45	Keynote 11. Ingvar Landälv European Biofuels Technology Platform
10:15	Oral 11.1 55 Elson Gomes, Alirio Rodrigues and Inês Mota. SEPARATION OF ACIDS, ALDEHYDES AND KETONES FROM LIGNIN OXIDATION MIXTURE BY ADSORPTION
10:30	Oral 11.2 114 Tarja Tamminen. IMPROVING THE PROPERTIES OF TECHNICAL LIGNINS FOR MATERIAL APPLICATIONS
10:45	Coffee break
11:15	Oral 11.3 174 Junjie Pu, Dorothée Laurenti, Melaz Tayakout, Isabelle Pitault and Christophe Geantet. LIGNIN CATALYTIC HYDROCONVERSION: A COMBINED EXPERIMENTAL AND MODELING STUDY
11:30	Oral 11.4 236 Antonio Hernández Mañas, Siyang Zhou, Laurent Djakovitch, Stephane Mangematin, Sicen Liu, Léa Vilcoq and Pascal Fongarland. LIGNIN DEPOLYMERIZATION IN OXIDIZING CONDITIONS: FROM BATCH TO CONTINUOUS REACTOR
11:45	Oral 11.5 237 Juan Domínguez-Robles, María Soledad Peresin, Tarja Tamminen, Eneko Larrañeta, Rafael Sánchez, Antonio Rosal, Alejandro Rodríguez and Anna-Stiina Jääskeläinen. LIGNIN-BASED HYDROGELS WITH "SUPER-SWELLING" CAPACITIES
12:00	Oral 11.6 252 Felipe de Salas, Isabel Pardo, David Rodríguez-Escribano, Pablo Aza, Mario J. Pulido and Susana Camarero. TOWARDS VALORIZATION OF INDUSTRIAL LIGNINS THROUGH OXIDATION WITH LACCASES DESIGNED IN THE LAB
12:15	
12:45	Concluding remarks Closing ceremony
13:15	Farewell cocktail

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Friday 26/10/2018	
8:30	Registration
9:00	PLENARY TALK PT3 Francisco Gírio
	Salón de Grados I
	SESSION O12. Ongoing biorefinery projects
9:45	Keynote 12. Rafael Luque Universidad de Córdoba
10:15	Oral 12.1 8 Frederik De Bruyn, Brecht Vanlerberghe and Hendrik Waegeman. BIO BASE EUROPE PILOT PLANT: CLOSING THE GAP IN THE INNOVATION CHAIN
10:30	Oral 12.2 10 José Miguel Oliva, Caterina Coll, Cristina González, Ian Hayton, Ignacio Ballesteros, Marcos Latorre, Ana Susmozas, Antonio David Moreno and Mercedes Ballesteros. VALORIZATION OF URBAN WASTES TO NEW GENERATION OF BIOETHANOL (WASTE2BIO)
10:45	Coffee break
11:15	Oral 12.3 122 Farahnaz Pashaei Kamali, Stephanie Susana Córdoba Tafur, Patricia Osseweijer and John Posada. ENVIRONMENTAL, ECONOMIC, AND SOCIAL PERFORMANCE OF BIOJET FUEL SUPPLY CHAIN IN BRAZIL
11:30	Oral 12.4 170 Caterina Coll Lozano, Marcos Latorre Sánchez, Andrés Pascual, Cristina García-Vera, José María Gómez, Raúl Muñoz, Rocío Roldán, Marie Krogsgaard, Dennis Chafia, Jeroen Hugenholtz, Mercedes Ballesteros, José Miguel Oliva, Severine Philippe, Laurent Belard, Javier Mena, Steffen Ullmann, Jean-Philippe Grail and Mark Smith. URBIOFIN PROJECT: DEMONSTRATION OF AN INTEGRATED INNOVATIVE BIOREFINERY FOR THE TRANSFORMATION OF MUNICIPAL SOLID WASTE INTO NEW BIOBASED PRODUCTS
11:45	Oral 12.4 173 Marcos Latorre Sánchez, Caterina Coll Lozano, Miguel Ángel Valera, Joachim Venus, Apostolis Koutinas, Korneel Rabaey, Irantzu Alegría Dallo, Michael Mandl, Marie Callanan, Fatih Erguney, Natalie Bittner and Yaying Chen. PERCAL PROJECT: CHEMICAL BUILDING BLOCKS FROM VERSATILE MSW BIOREFINERY
12:00	Oral 12.5 186 Andreia Marques Postal and José María Da Silveira. THE CHALLENGES FOR INCLUSION AND ATTRACTIVENESS OF CONTRACTS FOR LAND OWNERS AND GROWERS IN PLANTATIONS OF SUGARCANE BIOFUELS IN BRAZIL
12:15	Oral 12.6 249 Beatriz Real Heredia. ACCELERATING THE TRANSFORMATION TO A BIOECONOMY-BASED LOCAL SYSTEM AS DEVELOPMENT PROPELLER OF THE TERRITORY
12:30	Oral 12.7 263 Gloria De La Viña and Sofie Dobbeliere. SUPERBIO H2020 PROJECT: BUILDING NEW INNOVATIVE VALUE CHAINS FOR EUROPEAN BIOBASED ECONOMY
12:45	Concluding remarks Closing ceremony
13:15	Farewell cocktail