BIO energy & economy
INTERNATIONAL
Conference (IBBC2026)

International Conference on Bioenergy & Bioeconomy (IBBC 2026)

Agenda

University of Seville, Spain | 28-30 October 2026

INSTITUTE OF BIOREFINERIES RESEARCH

Grupo bioenergía — Departamento Ingeniería Química y Ambiental

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DAY 1 - Wednesday, 28 October 2026 - Strategy, Scale & System Foundations

Inaugural Session & Plenary — SALÓN DE ACTOS (Assembly Hall)

Time	Session	Details
08:00 - 09:00		Conference Registrations
09:00 - 09:15	Inaugural Session	Welcome Address and Opening Remarks
09:15 - 09:45	Plenary Lecture 1	"A Status of the Global Bioeconomy" Jukka Kantola, World Bioeconomy Association, Finland
09:45 - 10:15	Plenary Lecture 2	"Unlocking the Bioeconomy Transition: How We Turn Biorefinery Promise into Industrial Reality" Johanna Mossberg, Head of Bioeconomy Arena / VP Biorefinery and Energy, Chalmers University of Technology, Sweden
10:15 - 10:45	Plenary Lecture 3	"Challenges and Opportunities in the Production of Sustainable Aviation Fuels" David Serrano, IMDEA Energy Institute, Spain
10:45 - 11:15	Coffee Break and Networking	

Time	Abstract ID	Presentation Title	Authors	Speaker
SALA DE GRADOS | 11:25 - 13:00 | Session 1A				
Academic Track — Biomass Feedstocks & Resource Sustainability				
11:25-11:45	IBBC2026_IO_01	Sustainable Biomass Availability and Supply Chains: The Role of Best Practices, Standards, and Improved Data to Support a Growing Bioeconomy	Nicolas Mansuy	**Nicolas Mansuy, Natural Resources Canada, Canada**
11:45-12:00	IBBCE-2026-A0146	Revealing Sunflower Stalk Pith as a Sustainable Platform for Pectin Recovery	Raquel García Barranco, María del Mar Contreras, Alfonso M. Vidal, Juan Miguel Romero-García, Aleta Duque García, Encarnación Ruiz	**Raquel García Barranco, University of Jaén, Spain**
12:00-12:15	IBBCE-2026-A0087	Sustainable Biorefinery Approach for the Valorisation of Urban Pruning Waste into Bio-Based Products	Xabier Erdocia, Amaia Morales, Fabio Hernández-Ramos, Leyre Sillero	**Xabier Erdocia, University of the Basque Country, Spain**
12:15-12:30	IBBCE-2026-A0143	Effect of Lignin Content on the Energy Recovery of Agro-Industrial Waste via Pyrolysis	Cristina Hermoso Mendoza, Vicente Montes, Jesús M. Rodríguez-Rego, Andrés Álvarez, Juan Félix González	**Cristina Hermoso Mendoza, University of Extremadura, Spain**
12:30-12:45	IBBCE-2026-A0042	Optimizing Landfill Biogas Conversion to Biomethanol: From Laboratory Catalyst Screening to On-Site Process Validation	Domingo Cabrera-Gallardo, Sol Rodríguez-Díaz, Maria Camila Quintero-Quintana, Inmaculada Mula-Pérez, Judith González-Arias, Francisco Manuel Baena-Moreno, Fernando Vidal-Barrero	**Domingo Cabrera-Gallardo, University of Seville, Spain**
12:45-13:00	IBBCE-2026-A0217	From Corn Stalk Hydrolysates to Recovery of Microbial Proteins: An Integrated Biorefinery Approach	Kristopher Dorneles, Michele Alvarado, Aurélie Ballon, Mayreli Ortíz, Montserrat Ferrando, Miria Reis, Carme Güell	**Carme Güell, Rovira i Virgili University, Spain**
13:00-13:50	Lunch Break and Networking			

Time	Abstract ID	Presentation Title	Authors	Speaker
SALA DE GRADOS | 14:00 - 18:30 | Session 1B				
Academic Track — Pretreatment & Fractionation for Integrated Value Chains				
14:00-14:20	IBBCE-2026-A0084	Unlocking Plant Cell Walls for Biomass Valorization: From Fundamental Biology to Biofuels and Forage Applications	Penélope García-Angulo	**Penélope García-Angulo, University of León, Spain**
14:20-14:35	IBBCE-2026-A0136	Effect of Microwave-Assisted Pretreatment on the Thermal Degradation Behaviour of Parachlorella Kessleri	Fekadu Mosisa Wako, Sébastien Curet, A. Sary	**Fekadu Mosisa Wako, IMT Atlantique, France**
14:35-14:50	IBBCE-2026-A0018	Comparative Efficacy of Liquid Hot Water and Protic Ionic Liquid Pretreatments for Enhancing Bioethanol Yields from Agave tequilana Bagasse	Irene Gómez-Cruz, Carlos Santiago Sandoval Gutiérrez, Juan Miguel Romero-García, María del Mar Contreras, José Antonio Pérez Pimienta, Eulogio Castro	**Irene Gómez-Cruz, University of Jaén, Spain**
14:50-15:05	IBBCE-2026-A0170	Tailored Fractionation of Tomato Crop Residues within a Biorefinery Framework	María P. García-Aparicio, Raquel Cañadas, Cristina Álvarez, José Miguel Oliva, Ignacio Ballesteros, Sara Parrondo, Alberto González, M. Luisa Lorenzo, A. David Moreno	**Maria del Prado Garcia Aparicio, CIEMAT, Spain**
15:05-15:20	IBBCE-2026-A0142	Strategic Fractionation of Corn Stalk via Pressurized Fluids and NADES: Towards a Green Biocascade for Cellulose Nanofibers Production	Óscar Benito-Román, Helena Candela, Pedro Barea, Alba Esther Illera, María Teresa Sanz	**Óscar Benito-Román, University of Burgos, Spain**
15:20-15:35	IBBCE-2026-A0024	γ-Valerolactone-Based Processing of Norway Spruce Biomass Streams for Downstream Valorization	Carlos Martín, Leif J. Jönsson, Pooja Dixit, Forough Momayez, Zahra Dehghanmanshadi, Verónica Benavente, Tomas Gustafsson, Ola Sundman, Luis A. Romero-Soto, Knut O. Strætkvern, Arne J. Grønn, Hans C. Grønn	**Carlos Martín Medina, University of Inland Norway, Norway**
15:35-15:50	IBBCE-2026-A0085	Green Biorefinery of Apple Pruning Residues Using Deep Eutectic Solvents: From Fractionation to Functional Materials	Ana Galvez, Leyre Sillero, Farida Baraka, Fabio Hernandez-Ramos, Amaia Morales, Jalel Labidi	**Jalel Labidi, University of the Basque Country, Spain**
16:00-16:20	**Coffee Break and Networking**			
16:30-16:45	IBBCE-2026-A0038	Detoxification of Olive By-Products as the Key to Their Biorefinery	África Fernández-Prior, Beatriz Rodríguez-Muñíz, Fátima Rubio-Senent, Alejandra Bermúdez-Oria, Antonio Lama Muñoz, Juan Cubero Cardoso, Juan Fernández-Bolaños, Guillermo Rodríguez-Gutiérrez	**María África Fernández Prior, Pablo de Olavide University Campus, Spain**
16:45-17:00	IBBCE-2026-A0248	Production of Bioethanol from the Extracted Olive Pomace Hemicellulosic Fraction by Scheffersomyces Stipitis	Alonso I. Arroyo-Escoto, Marlee Jangot, Maria C. Fernandes	**Alonso Israel Arroyo Escoto, CEBAL, Portugal**

Time	Abstract ID	Presentation Title	Authors	Speaker
17:00-17:15	IBBCE-2026-A0135	Giving Sunflower Residues a Second Life: Sustainable Conversion into Bioproducts and Biofuels	Raquel Cañadas, Anderson G. Corrêa, Cristina Álvarez, Ana Susmozas, Silvia Morales-delaRosa, José Miguel Oliva, Aleta Duque	**Raquel Cañadas Soler, CIEMAT, Spain**
17:15-17:35	IBBC2026_IO_04	Adaptive Supercritical Water Fractionation: Fast Pretreatment for Integrated Forestry and Agri-Food Value Chains	Danilo Cantero	**Danilo Cantero, University of Valladolid, Spain**
17:35-17:55	IBBC2026_IO_05	From Pretreatment to Fractionation: Designing Integrated Value Chains for Agro-Industrial Biomass - Integration of Drying, Extraction, and Separation Processes for the Recovery of Bioactive Compounds	Berta Zecchi	**Berta Zecchi, University of the Republic (UdelaR), Uruguay**
17:55-18:10	IBBCE-2026-A0129	Continuous Hydrothermal Hydrolysis of Coconut Oil in Sub- and Supercritical Water: An Energy-Integrated Platform for Oleochemical Production in Cosmetics	Enkeledo Menalla, Jefferson W. Tester, María José Cocero, Danilo Cantero	**Enkeledo Menalla, University of Valladolid, Spain**
18:10-18:30	IBBC2026_IO_31	From Waste to Value: More Sustainable Strategies of Biomass Refining Using Eutectic and Biobased Solvents	Armando J. D. Silvestre	**Armando J. D. Silvestre, University of Aveiro, Portugal**
From 18:30	**Welcome Reception & Poster Presentation**			

Time	Abstract ID	Presentation Title	Authors	Speaker
AULA 204 | 11:25 - 13:00 | Session 2A				
Joint Academic-Industry Track — Biochemical Conversion & Biomanufacturing for the Circular Bioeconomy				
11:25-11:40	IBBCE-2026-A0100	Valorization of Spent Coffee Grains Using Supercritical CO2 Extraction: From Residues to Valuable Oil Extracts	Guillermo A. Vega, Javier A. Dávila, Juan M. Romero	**Javier Andres Davila Rincon, National University of Colombia, Colombia**
11:40-11:55	IBBCE-2026-A0102	A Cascade Valorization Approach for Table Olive Wastewater	Manuel Hernandez-Escaño, José Luis García Morales, Guillermo Rodriguez-Gutierrez, Juan Cubero-Cardoso	**Juan Cubero Cardoso, Institute of Fat-CSIC, Spain**
11:55-12:10	IBBCE-2026-A0172	Beyond Waste: Harnessing Cheese Whey Valorization Through Microbial Carboxylate and Sugar Platforms	Elisa Rodriguez-Castro, Daniel Busteros, Elia Tomás-Pejó	**Elia Tomás Pejó, IMDEA Energy, Spain**
12:10-12:25	IBBCE-2026-A0181	Production of Medium-Chain Fatty Acids From Cheese Whey by Means of Mixed-Culture Anaerobic Digestion	N. Otero-Logilde, A. González-Novoa, C. Kennes, M. C. Veiga	**Alexandre González Novoa, University of A Coruña, Spain**
12:25-12:40	IBBCE-2026-A0049	Carbon Source and Medium Screening for Succinic Acid Production by Actinobacillus succinogenes in a High-Throughput Fermentation Platform	Diana Carolina Barriga-Gómez, Daissy Lorena Restrepo-Serna, Divanery Rodriguez-Gomez, Ricardo Morales-Rodriguez, Oscar Andrés Prado-Rubio	**Diana Carolina Barriga Gomez, National University of Colombia, Colombia**

Time	Abstract ID	Presentation Title	Authors	Speaker
12:40-12:55	IBBCE-2026-A0050	Intensifying Biobutanol Fermentation Performance in Clostridium acetobutylicum via Metabolic Push Strategies	Juanita Alzate-Arango, Daissy Restrepo-Serna, Divanery Rodriguez-Gomez, Duverney Gaviria-Arias, Oscar Andrés Prado-Rubio	**Juanita Alzate Arango, National University of Colombia, Colombia**
12:55-13:10	IBBCE-2026-A0188	Reverse Metabolic Engineering and Adaptive Evolution to Improve Escherichia coli Thermotolerance and Lactate Production in SSF	Gilberto P. Morales, Josue Vara-Coapango, Noemí Flores, Guillermo Gosset, Alfredo Martinez	**Alfredo Martinez, National Autonomous University of Mexico, Mexico**
13:10-13:50	**Lunch Break and Networking**			

Time	Abstract ID	Presentation Title	Authors	Speaker
AULA 204 | 14:00 - 16:00 | Session 2A (continued)				
Joint Academic-Industry Track — Biochemical Conversion & Biomanufacturing for the Circular Bioeconomy				
14:00-14:20	IBBC2026_IO_07	Optimising Biogas Production: Insights From Laboratory- and Pilot-Scale Studies	Pablo López Gómez	**Pablo López Gómez, AINIA, Spain**
14:20-14:40	IBBCE-2026-A0037	Use of Zero-Valent Iron Mesh and Graphene Oxide for Anaerobic Digestion	Ilwoo Kang, Anisa Raditya Nurohmah, Ilho Bae, Changhyeon Park, Juhee Shin, Younki Lee, Seung Gu Shin	**Seung Gu Shin, Gyeongsang National University, South Korea**
14:40-15:00	IBBC2026_IO_06	Leveraging Apple Pomace for Sustainable Biohydrogen and Butyric Acid Production Through Dark Fermentation	Umar Muazu Yunusa, İlgi Karapinar	**İlgi Karapinar, Dokuz Eylul University, Turkey**
15:00-15:15	IBBCE-2026-A0122	Two-Stage Microbial Platform for Syngas Valorization Into Single-Cell Protein	Fátima Soto Meirás, María C. Veiga, Christian Kennes	**Fátima Soto Meirás, University of A Coruña, Spain**
15:15-15:30	IBBCE-2026-A0086	Biochemical Conversion of Wastewater Into Bioenergy and Value-Added Products Through Microalgae: A Biocurrent and Biohydrogen Perspective	Dulce M. Arias-Lizárraga, Francisco Vera Lopez-Portillo, Karol Rodriguez-Peña, María del Socorro Ocampo-Ramos, Hugo Olvera-Vargas, Patrick Okoye	**Dulce M. Arias-Lizárraga, National Autonomous University of Mexico, Mexico**
15:30-15:45	IBBCE-2026-A0187	Environmental Adaptability of Galdieria yellowstonensis for Biomass and Phycocyanin Production	Mariana Manzoni-Maroneze, Mariela Saucedo-Reyes, Antonio, Alfredo Martinez	**Mariana Manzoni-Maroneze, National Autonomous University of Mexico, Mexico**
15:45-16:00	IBBCE-2026-A0180	Enzymatic Deconstruction of Pretreated Sugarcane Biomass for Glucose Release Using Optimized Cellulase-Based Cocktails	Cleiton Dias do Prado, Natália Sarmanho Monteiro Lima, Elisângela Soares Gomes Pepe, Ane Gabriele Vaz Souza, Camila Cesário Fernandes, Eliana Gertrudes de Macedo Lemos	**Cleiton Dias do Prado, São Paulo State University (UNESP), Brazil**
16:00-16:20	**Coffee Break and Networking**			

Time	Abstract ID	Presentation Title	Authors	Speaker
AULA 204 | 16:30 - 18:30 | Session 2B				
Joint Academic-Industry Track — Thermochemical & Hybrid Conversion Pathways				
16:30-16:50	IBBCE-2026-A0186	Fuels and Platform Chemicals From Biomass Processing	Sankar Bhattacharya	**Sankar Bhattacharya, Monash University, Australia**
16:50-17:10	IBBC2026_IO_11	Active Bed Materials for a Circular Bioeconomy in Fluidized Beds: From Gasification to Carbon Capture	Pavleta Knutsson	**Pavleta Knutsson, Chalmers University of Technology, Sweden**
17:10-17:25	IBBCE-2026-A0197	Thermochemical Purification of Alkali-Rich Solid Fuels for Syngas Production and Slagging Mitigation	Linxuan Li, Shaobo Yang	**Linxuan Li, Chinese Academy of Sciences, China**
17:25-17:40	IBBCE-2026-A0009	Enviro-Economic Assessment of Hydrogen-Rich Syngas Production via In-Situ CO2 Capture in Torrefied MSW Co-Gasification	Ahmed Mohammed Inuwa, Victor Oluwafemi Fatokun, Emmanuel Kweinor Tetteh, Usman Mohammed Aliyu, Sudesh Rathilal	**Ahmed Mohammed Inuwa, Durban University of Technology, South Africa**
17:40-18:00	IBBC2026_IO_13	Hydrothermal Liquefaction of Municipal Sludge for Sustainable Aviation Fuel, Hydrochar, and Biogas Production	Cigdem Eskicioglu	**Cigdem Eskicioglu, University of British Columbia (UBC), Canada**
18:00-18:15	IBBCE-2026-A0112	Sustainable Activated Biochar Production From Lignocellulosic Waste: Process Simulation Towards Its Scaling Up	María Gonzalez-Alriols, Aicha Mabrouk, Ameni Ben-Salah, M. Mirari Antxustegi	**María Gonzalez-Alriols, University of the Basque Country, Spain**
18:15-18:30	IBBCE-2026-A0011	Catalytically Engineered Biochar for Next-Generation Energy Storage	Payam Ghorbannezhad, Axel Funke	**Payam Ghorbannezhad, Karlsruhe Institute of Technology, Germany**
From 18:30	**Welcome Reception & Poster Presentation**			

Time	Abstract ID	Presentation Title	Authors	Speaker
SALA LARRAÑETA | 11:25 - 13:00 | Session 3A				
Academic Track — Bioenergy Carriers & Fuels				
11:25-11:40	IBBCE-2026-A0107	A GIS-Based Decision-Support Framework for Assessing Forest Biomass Availability and Biomethane Potential: A Regional Case Study of Catalonia	Ruslan Kotegov, Alexandre Fabregat, Raul Saez, Dieter Boer, Manel Vallès	**Ruslan Kotegov, Rovira i Virgili University, Spain**
11:40-11:55	IBBCE-2026-A0095	Hydrodynamic Cavitation Pre-Treatment to Intensify Biohydrogen Production from Food Waste	Adarsha Pradhan, Tom Arnot, Sanjay Nagarajan	**Sanjay Nagarajan, University of Bath, United Kingdom**
11:55-12:10	IBBCE-2026-A0196	Oxy-Fuel Combustion Characteristics of Biomass With Oxygen Staging in Circulating Fluidized Bed	Shilong Dong, Wei Li	**Shilong Dong, Chinese Academy of Sciences, China**
12:10-12:25	IBBCE-2026-A0198	Oxy-Fuel Combustion and Pollutant Emission Characteristics of Coal-Biomass Blends in a MW-Scale Circulating Fluidized Bed	Shaobo Yang, Shilong Dong, Wei Li	**Shaobo Yang, Chinese Academy of Sciences, China**

Time	Abstract ID	Presentation Title	Authors	Speaker
12:25-12:45	IBBC2026_IO_29	Higher Blends for Mobility	Luís Serrano, Nuno Pires, Ricardo Almeida, Carlos Jacinto, Cristiano Ramos, Cristina Correia	**Cristina Correia, Prio, Portugal**
13:00-13:50	**Lunch Break and Networking**			

Time	Abstract ID	Presentation Title	Authors	Speaker
SALA LARRAÑETA | 14:00 - 18:30 | Session 3B				
Academic Track — Catalysis & Chemical Conversion				
14:00-14:15	IBBCE-2026-A0068	Catalytic Activity of Supported SBA-15 Toward the Biofuels Production via Acetalization of Glycerol: Seeking an Optimal Metal Composition	Yasmin R. Carvalho, Raguel T. Braga, João Pedro S. Nascimento, Alcineia C. Oliveira, Daniel Ballesteros-Plata, Antonia Infantes Molina, Enrique Rodríguez-Castellón	**Enrique Rodríguez Castellón, University of Málaga, Spain**
14:15-14:30	IBBCE-2026-A0054	Catalytic Valorization of Biomass-Derived Hydroxy Acid Streams Into Bio-Based Esters	Chhavi Gupta, Hugo Lilti, Laura Reyes, Pierre Bolteau, Léa Vilcocq	**Chhavi Gupta, CNRS-IRCELYON, France**
14:30-14:45	IBBCE-2026-A0132	Effect of Operating Conditions on CO2 Hydrogenation to Synthetic Hydrocarbons Over Iron (II) Oxalate Dihydrate	Carmen María Álvez-Medina, Vicente Montes Jiménez, Pedro José Muñoz Acebedo, Juan Félix González González	**Carmen María Álvez Medina, University of Extremadura, Spain**
14:45-15:00	IBBCE-2026-A0103	Microwave-Assisted Pyrolysis of Corncob Over Slag-Derived ZSM-5 Catalyst: Bio-Oil and Bio-Based Chemicals	Nhlanhla Nyembe, Yusuf M. Isa	**Nhlanhla Nyembe, Vaal University of Technology, South Africa**
15:00-15:15	IBBCE-2026-A0076	Catalytic vs. Non-Catalytic Co-Pyrolysis of Rosemary Waste and Polyethylene: Comparative Performance of In-Situ vs. Ex-Situ Montmorillonite Upgrading	Fatima-Zahrae Ed-darraz, Shukai Zhang, Saida Tayibi, Ikram Rezzougui, Mohamed Jamil, Alberto J. Campillo-Fernández, Reda Kabbaj, Qunxing Huang, Abdellatif Barakat, Karim Lyamlouli, El Khadir Gharibi	**Ikram Rezzougui, Valencia Polytechnic University (UPV), Spain**
15:15-15:30	IBBCE-2026-A0070	FLEXBY Multifunctional Catalysts for Biofuel Production: Valorizing Bioresources Through Flexible Catalytic Design to Upgrade Gas & Liquid Fractions	Simone Lixi, Nuria García-Moncada, Luis F. Bobadilla, Tomas Ramírez Reina	**Simone Lixi, University of Seville, Spain**
15:30-15:45	IBBCE-2026-A0201	Hydrotreatment of Technical Lignins Over Silica-Supported Metal Phosphide Catalysts: Activity, Selectivity, and Molecular Weight Evolution	G. Blanco-Brieva, M. C. Capel-Sanchez, M. Lara-Serrano, S. Morales-delaRosa, E. Ruiz, A. Susmozas, J. M. Campos-Martín	**Jose Miguel Campos Martín, Institute of Catalysis and Petrochemistry (ICP-CSIC), Spain**
15:45-16:00	IBBCE-2026-A0035	From Wet Waste to Sustainable Fuels and Value-Added Products: Hydrothermal Processing of Wine Industry Residues	Arcelus-Arrillaga Pedro, Herrera-González Antonio Jesús, Frecha Esther, Pinilla José Luis, Suelves Isabel	**Pedro Arcelus Arrillaga, Institute of Carboquímica, Spain**
16:00-16:20	**Coffee Break and Networking**			
16:30-16:45	IBBCE-2026-A0109	Upgrading of CO2-Rich Streams Derived From Biomass Hydrothermal Carbonization Into Synthetic Natural Gas	I. Mula-Pérez, D. Cabrera-Gallardo, F. Vidal-Barrero, J. González-Arias	**Judith González-Arias, University of Seville, Spain**

Time	Abstract ID	Presentation Title	Authors	Speaker
16:45-17:00	TBC	TBC	TBC	**TBC**
17:00-17:15	TBC	TBC	TBC	**TBC**
17:15-17:30	TBC	TBC	TBC	**TBC**
17:30-17:45	TBC	TBC	TBC	**TBC**
17:45-18:00	TBC	TBC	TBC	**TBC**
18:00-18:15	TBC	TBC	TBC	**TBC**
18:15-18:30	TBC	TBC	TBC	**TBC**

Time		Presentation Title	Authors	Speaker
SALA DE JUNTAS | 11:25-13:00 | Special Session				
IBBC 2026 Special Session: Special Session: IETS Task XI Technical Session: Bridging the Gap: Scaling Integrated Biorefinery Systems from Research to Real-World Impact				
11:25-11:35	Task XI as a Platform Bridging Biorefinery R&D and Deployment			**Marzouk Benali, Natural Resources Canada, Canada**
11:35-11:50	**Key Insights from the 2023–2026 Task XI Cycle**			
11:35-11:40	Marzouk Benali, Natural Resources Canada, Canada			
11:40-11:45	Philipp Petermeier, AEE INTEC, Austria			
11:45-11:50	Jorge Costa, ISEC Lisboa, Portugal			
11:50-12:10	**Task XI Transition to the 2026–2029 Cycle: New subtasks**			
11:50-11:55	Marzouk Benali, Natural Resources Canada, Canada			
11:55-12:00	Philipp Petermeier, AEE INTEC, Austria			
12:00-12:05	Jorge Costa, ISEC Lisboa, Portugal			
12:05-12:10	Sebnem Yilmaz Balaman, Chalmers Industriteknik, Sweden			
12:10-12:50	**Panel: Bridging the Gap: Scaling Integrated Biorefinery Systems from Research to Real-World Impact**			
	Johanna Mossberg, Swedish Energy Agency and Chair of the IETS TCP, Sweden			
	Philippe Tanguy, Hynergy Consulting Ltd, Portugal			
	Johannes Lindorfer, Johannes Kepler University, Austria			
12:50-12:55	**Interactive Discussion**			
12:55-13:00	**Closing and Call to Action**			

Time		Presentation Title	Authors	Speaker
	Philipp Petermeier, AEE INTEC, Austria			
13:00-13:50	**Lunch Break and Networking**			

Time		Presentation Title	Speaker
SALA DE JUNTAS 14:00-16:00	**Special Session**	**IETS Task XXIV Special Session: Defossilizing Heavy Industry and Chemical Sectors – The Role of Processes, Technologies, and Renewable Energy Systems Integration**	
14:00-14:20	IBBC2026_IO_38	Low-Carbon Methanol: Integration of CO_2 Capture, Biomass, and Power-to-X in the Production Mix	**Rafailia Mitraki, University of Liège, Belgium**
14:20-14:40	IBBC2026_IO_39	Integrated Process Design and Techno-Economic Assessment of Waste-Derived Chemical Solvents	**Oktay Boztas, EPFL, Switzerland**
14:40-15:00	IBBC2026_IO_40	Biomass Conversion and Co-Electrolysis Integration for the Combined Ammonia, Methanol, and Formamide Production	**Meire Ellen Gorete Ribeiro Domingos, EPFL, Switzerland**
15:00-15:20	IBBC2026_IO_41	Reversible Solid Oxide Cells and Biomass Energy Integration for Defossilizing the Co-Production of Fuels & Chemicals and Urban Systems	**Daniel Florez-Orrego, EPFL, Switzerland**
15:20-15:40	IBBC2026_IO_42	How Can Fischer–Tropsch Contribute to Sustainable Fuel and Petrochemical Production?	**Judit Fortet Casabella, Chalmers University of Technology in Gothenburg, Sweden**

Time	Abstract ID	Presentation Title	Authors	Speaker
SALA DE JUNTAS 15:45-17:05	**Session 2C**	**Joint Academic–Industry Track Session 2C: Industrial Conversion Technologies**		
15:45-16:00	IBBCE-2026-A0163	High-Temperature Twin-Screw Extrusion as a Process-Intensification Strategy for the Production of Cellulose Nano- and Microfibrils	Jose Luis Sanchez-Salvador, Aleta Duque, Diego Lopez-Monte, Diego Bonilla, Angeles Blanco, Carlos Negro	**Jose Luis Sanchez-Salvador, Complutense University of Madrid, Spain**
16:00-16:15	IBBCE-2026-A0139	Construction of a Micro Gas Turbine for Cogeneration Fed With Biofuels	Alejandro Martínez-Martín, Pedro José Muñoz Acebedo, Alfonso Carlos Marcos Romero, Juan Félix González González	**Alejandro Martínez Martín, University of Extremadura, Spain**

Time	Abstract ID	Presentation Title	Authors	Speaker
16:15-16:35	IBBC2026_IO_14	Transforming Fluid Catalytic Cracking (FCC) Units for the Energy Transition: From Waste to Low-Carbon Intensity Products	Guillaume Vincent	**Guillaume Vincent, BASF, France**
16:35-16:55	IBBC2026_IO_32	Dual-Fuel Technology to Decarbonize Shipping	Fernando Marcos	**Fernando Marcos, Everllence Iberia S.A.U, Spain**
16:55-17:15	**Coffee Break and Networking**			

Time	Abstract ID	Presentation Title	Authors	Speaker
SALA DE JUNTAS 17:10-18:30	**Session 4C**	**Industry Track** **Session 4C: Finance, Policy & Market Pull Mechanisms**		
17:15-17:30	IBBCE-2026-A0025	Policy Incentives, Sustainable Finance, and Market Pull Dynamics in the Development of Advanced Biofuel Economies	Agnieszka Wjcik-Czerniawska, Zbigniew Grzymała	**Agnieszka WÄłjcik-Czerniawska, SGH- Warsaw School of Economics, Poland**
17:30-17:50	IBBC2026_IO_28	The Introduction of E20 in Germany and the European Market	Torsten Weidemann	**Torsten Weidemann, German Bioethanol Industry Association (BDBe), Germany**
17:50-18:10	IBBC2026_IO_18	Scaling a European Industry for Permanent Removals	Johan Borje	**Johan Borje, Stockholm Exergy, Sweden**
18:10-18:25	TBC	TBC	TBC	TBC
From 18:30	**Welcome Reception & Poster Presentation**			

DAY 2 (October 29th, 2026) — DEPLOYMENT, ECONOMICS & COLLABORATION

SALÓN DE ACTOS (Assembly Hall)

Time	Session	Details
08:30-09:00		Conference Registrations
09:00-09:30	Plenary Lecture 4	"Advanced Bioenergy Technologies for the Decarbonization of Aviation and Maritime Transport" Stella Bezergianni, Centre for Research & Technology Hellas, Greece
09:30-10:00	Plenary Lecture 5	"From Fundamental Research to First-of-a-Kind Demonstration: Delivering Bankable, Commercial-Scale Sustainable Aviation Fuel" Mohamed Pourkashanian, University of Sheffield, United Kingdom
10:00-10:30	Coffee Break and Networking	
10:30-11:00	FLAGSHIP JOINT PANEL DISCUSSION From Pilot to FOAK: Why Projects Succeed or Fail Focus: 1. Technical and financial bottlenecks 2. Real IRR expectations 3. Risk sharing and partnerships 4. EPC, licensing, and integration models Audience Value Brings academia, industry, finance, and policy into one evidence-driven conversation, explicitly addressing commercialization realities.	

Time	Abstract ID	Presentation Title	Authors	Speaker
SALÓN GRADOS | 11:10 - 13:00 | Session 1A				
Academic Track — Biomass Feedstocks & Resource Sustainability				
11:10-11:30	IBBC2026_IO_02	A Biorefinery Approach to Valorize Waste from the Olive Oil Sector	Guillermo Garcia-Garcia, Antonio Pérez, María Ángeles Martín-Lara, Gabriel Blázquez, Mónica Calero	**Guillermo García García, University of Granada, Spain**
11:30-11:45	IBBCE-2026-A0075	Microalgal-Fungal Composites for Fat-Rich Mycoproteins: Integrating Chlorella vulgaris Biomass with Fungal Scaffolds for Sustainable Food Production	Francisco José Martín-García, Raquel Muñoz-Castells, Claudia Carranza-Muñoz, Agueda Garcia-Cayuela, Emanuel Sanz-Luque, Andrew J. Gravelle, Nitin Nitin, Julien Delarue, Jaime Moreno-García	**Jaime Moreno García, University of Córdoba, Spain**
11:45-12:00	IBBCE-2026-A0165	Can Algae Replace Cotton? Insights into Textiles from Raw Algae Fibers	Abdelfatah Abomohra	**Abdelfatah Abomohra, University of Hamburg, Germany**
12:00-12:15	IBBCE-2026-A0204	High-Efficiency Cadmium Remediation Strategy in Alfalfa Based on Sodium Alginate-Encapsulated Plant Growth-Promoting Bacteria	Ying Ma	**Ying Ma, University of Coimbra, Portugal**
12:15-12:30	IBBCE-2026-A0269	Optimization and Characterization of Pili (Canarium ovatum Engl.) Nutshell Bio-Oil Produced via Batch Pyrolysis	Kaye Papa, Jeffrey Lavarias, Danila Paragas, Melba Denson, and Mari Rowena Tanquilut	**Jeffrey Lavarias, Central Luzon State University, Philippines**

Time	Abstract ID	Presentation Title	Authors	Speaker
12:30-12:45	IBBCE-2026-A0307	Spatial Optimization of Biomass Logistics for Co-Firing Rice Crop Biomass in Thermal Power Plants in India	Dev Singal, Yuvraj Goyal, Munish K Chandel	**Dev Singal, Indian Institute of Technology Bombay, India**
12:45-13:00	TBC	TBC	TBC	**TBC**
13:00-13:50	**Lunch Break and Networking**			

Time	Abstract ID	Presentation Title	Authors	Speaker
SALÓN GRADOS | 14:00 - 15:30 | Session 1B				
Academic Track — Pretreatment & Fractionation for Integrated Value Chains				
14:00-14:15	IBBCE-2026-A0053	Innovative Microalgae Treatment Approaches Using Inorganic Hydrated Salts for Advanced Liquid Fuel Production	S. Hidalgo-Ruiz, Jose M. Campos-Martin, Silvia Morales-delaRosa	**Sofía Hidalgo Ruiz, Institute of Catalysis and Petrochemistry, Spain**
14:15-14:30	IBBCE-2026-A0071	Stabilization of Thermophilic Dry Anaerobic Digestion Through the Addition of Wood Ash	Lise Levavasseur, Stéphane Delaunay, Frédéric Martel, Guillaume Henry	**Lise Levavasseur, Cristal Union, France**
14:30-14:45	IBBCE-2026-A0083	Forest-Biomass Ashes Valorization Through Mineral Carbonation for Carbon Storage	Miriam Domingues, João Roberto F. S, João P. Pereira, Durães L, José B. Ribeiro	**João Roberto Fernandes Santos, University of Coimbra, Portugal**
14:45-15:00	IBBCE-2026-A0047	Sustainable Quercetin Extraction from Onion Skins Using NADES and Ultrasound–Microwave Intensification Within a Circular Biorefinery Approach	Adrián Arcís, Estela Lladosa, Maria Garay, Sonia Loras, Carlos Silvestre, Francisco Javier Álvarez	**Adrián Arcís Carayol, Universidad de Valencia, Spain**
15:00-15:15	IBBCE-2026-A0113	Valorization of Fast Pyrolysis Char Through Post-Thermal Upgrading for Integrated Biochar Production	Iqra Aziz, Axel Funke, Nicolaus Dahmen	**Iqra Aziz, Karlsruhe Institute of Technology, Germany**
15:15-15:30	IBBCE-2026-A0321	Beyond Bioenergy: An Integrated Biorefinery Approach for Forest Biomass Valorization	Eulogio Castro	**Eulogio Castro, University of Jaen, Spain**
15:30-15:45	TBC	TBC	TBC	**TBC**
15:45-16:00	TBC	TBC	TBC	**TBC**
16:00-17:30	**Coffee Break and Networking / Poster Session**			
18:00-20:00	**Social Dinner and Networking**			

Time	Abstract ID	Presentation Title	Authors	Speaker
AULA 215 | 11:10 - 13:00 | Session 2A				
Joint Academic-Industry Track — Biochemical Conversion & Biomanufacturing for the Circular Bioeconomy				
11:10-11:30	IBBC2026_IO_09	Valorization of Carbon Dioxide: Bioconversion to Biofuels and Bioproducts	Christian Kennes	**Christian Kennes, University of A Coruña, Spain**
11:30-11:50	IBBCE-2026-A0106	Selective Production of Valeric Acid From Agro-Industrial Waste for the Synthesis of PHBV	Marta Arriaga, Jesús del Amo, Irene Izarra, Javier Vicente, Javier Mena, Francisco J. Fernández-Morales, Francisco J. Pinar	**Marta Arriaga Valderas, CLAMBER R&D Biorefinery, Spain**
11:50-12:10	IBBCE-2026-A0154	Struvite as a Fertilizer of the Future: Willingness to Pay and Market Barriers in the Circular Economy of Phosphorus	Justyna Dziewota-Jabłońska	**Justyna Dziewota-Jablonska, University of Lodz, Poland**
12:10-12:25	IBBCE-2026-A0126	Circular Bioeconomy Business Models Owned by Agro-Cooperatives (ROBOCOOP-EU)	Vicente Montes Jiménez, Cristina Hermoso Mendoza, Andrés Álvarez Jiménez, Ana Rey Barroso, Juan Félix González González	**Vicente Montes Jimenez, University of Córdoba, Spain**
12:25-12:45	IBBCE-2026-A0108	Optimisation of Operating Conditions for Semi-Continuous Anaerobic Digestion of MDF Lignocellulosic Waste: Effects of Pre-Treatment and Co-Digestion	J. del Amo, M. Arriaga, I. Izarra, J. Vicente, J. Mena, F. J. Pinar	**Javier Vicente Hernández, CLAMBER R&D Biorefinery, Spain**
12:45-13:00	IBBCE-2026-A0127	A Life Cycle Perspective on Sustainable Biomitigation Process for Carbon Capture via Chemolithotroph	Rachael Jovita Barla, Smita Raghuvanshi, Suresh Gupta	**Smita Raghuvanshi, Birla Institute of Technology & Science, India**
13:00-13:50	**Lunch Break and Networking**			
14:00-14:15	TBC	TBC	TBC	TBC
14:15-14:30	TBC	TBC	TBC	TBC
14:30-14:45	TBC	TBC	TBC	TBC

Time	Abstract ID	Presentation Title	Authors	Speaker
AULA 215 | 14:45- 16:00 | Session 2B				
Joint Academic-Industry Track — Thermochemical & Hybrid Conversion Pathways				
14:50-15:10	IBBC2026_IO_12	Bioenergy With Carbon Capture (BECCS) Using Hydrothermal Systems	Tohid N. Borhani	**Tohid N. Borhani, University of Wolverhampton, UK**
15:10-15:25	IBBCE-2026-A0008	Techno-Economic and Life Cycle Assessment of Hydrothermal Gasification of Potato Peel Waste for Syngas and Hydrogen Production	Victor Oluwafemi Fatokun, Ahmed Mohammed Inuwa, Emmanuel Kweinor Tetteh, Sudesh Rathilal	**Victor Oluwafemi Fatokun, Durban University of Technology, South Africa**
15:25-15:40	IBBCE-2026-A0293	Advancing Biomethane Production Through Integrated Gasification, Methanation and Value-Chain Validation in HYFUELUP	Gonçalo Lourinho	**Gonçalo Lourinho, Collaborative Laboratory for Biorefineries, Portugal**
15:40-15:55	TBC	TBC	TBC	**TBC**

Time	Abstract ID	Presentation Title	Authors	Speaker
16:00-17:30	Coffee Break and Networking / Poster Session			
18:00-20:00	Social Dinner and Networking			

Time	Abstract ID	Presentation Title	Authors	Speaker
AULA 215 | 11:10 - 13:00 | Session 4A				
Joint Academic-Industry Track — Techno-Economic Case Studies & Scale-Up Decision-Making				
11:10-11:30	IBBC2026_IO_15	Hydrothermal-Alkaline Pretreatment Strategies for Producing Value-Added Products From Eucalyptus Residues in a Biorefinery Context	María Noel Cabrera, Mairan Guigou, Nicolás Airola, Florencia Cebreiros, Juan Martin Rodao, Leonardo Clavijo, Valeria Larnaudie, Mario Daniel Ferrari, Claudia Lareo	**María Noel Cabrera, University of the Republic, Uruguay**
11:30-11:50	IBBC2026_IO_16	Syngas Fermentation for Methane and Hydrogen Production	Konstantinos Chandolias	**Pawel Piatek, RISE Research Institutes of Sweden AB, Sweden**
11:50-12:05	IBBCE-2026-A0055	Autothermal Slow Pyrolysis of Forestry Residues With Integrated Drying and Power Generation Through an Organic Rankine Cycle: A Techno-Economic Assessment Case Study in Spain	Roque Aguado, David Vera, Manuel Gómez, Marcos Tostado, Francisco Jurado, Covadonga Pevida, José Carpio	**David Vera Candeas, University of Jaén, Spain**
12:05-12:20	IBBCE-2026-A0153	Process Design and Techno-Economic Evaluation of a Multi-Stage Cascading Biorefinery for Sustainable Macroalgal Valorization	Avinash Chauhan, Rifna Elenjikkal Jerome, Gaurav Rajauria, Anushree Priyadarshini	**Avinash Chauhan, Maynooth University, Ireland**
12:20-12:35	IBBCE-2026-A0212	Techno-Economic Feasibility Assessment of Decentralized Green Hydrogen Production From Biomass	P. Rocha, A. Janeiro, H. Matos	**Priscila Rocha, University of Lisbon, Portugal**
12:35-12:50	IBBCE-2026-A0052	Techno-Economic Assessment of an Intensified Biorefinery for Sustainable Biobutanol Production From Rice Straw	C. Silvestre, C. Gabadón, F.J. Álvarez-Hornos	**Álvarez-Hornos, University of Valencia, Spain**
13:00-13:50	Lunch Break and Networking			

Time	Abstract ID	Presentation Title	Authors	Speaker
AULA 215 | 14:00 - 16:00 | Session 4B				
Joint Academic-Industry Track — Environmental Performance, LCA & ESG Metrics				
14:00-14:20	IBBC2026_IO_17	Addressing the Sustainability of (Bio)Processes for Biomass Valorization: CO2 Production Associated With Biomanufacturing	Pablo Domínguez de María	**Pablo Domínguez de María, Sustainable Momentum, Spain**
14:20-14:35	IBBCE-2026-A0062	Prospective Life Cycle Assessment of Amaranth-Based Insulation Blocks Under Future Energy Transition Scenarios	Priscila Guaygua-Amaguaña, Philippe Evon, Claire Vialle, Caroline Sablayrolles	**Priscila Guaygua, Laboratory of Agro-Industrial Chemistry, France**

Time	Abstract ID	Presentation Title	Authors	Speaker
14:35-14:50	IBBCE-2026-A0078	Techno-Economic and Environmental Analysis of Waste-to-Fuel Systems Based on Electrochemical Biogas Conversion and Fischer-Tropsch Synthesis	Jayakrishnan K. Ravindran, Duncan P. Fagg, M. Ferreira Dias, Margarida C. Coelho	**Jayakrishnan Kaliyarmattom Ravindran, University of Aveiro, Portugal**
14:50-15:05	IBBCE-2026-A0116	Consequential LCA to Support New Valorization Pathways for Sugarcane Co-Products	Julie Cavailles, Caroline Sablayrolles, Jenny Wu-Tiu-Yen, Guadalupe Vaca-Medina, Jérôme Peydecastaing, Pierre-Yves Pontalier, Claire Vialle	**Cavailles Julie, Laboratory of Agro-Industrial Chemistry, France**
15:05-15:20	IBBCE-2026-A0144	Greenhouse Gas Emissions Assessment of Bioethanol-Derived Production Routes to n-Butanol, Ethylene, and 1,3-Butadiene	José Caraballo Bello, Sol Rodríguez-Díaz, José Luis Rodríguez Lugo, Francisco Manuel Baena-Moreno, Fernando Vidal-Barrero	**Jose Caraballo Bello, University of Seville, Spain**
15:20-15:35	IBBCE-2026-A0237	Life Cycle Assessment of a Biomass-Derived Hydrogen and Calcium Looping CO2 Capture Route for Urea	L. Romero-Piñeiro, A.L. Villanueva Perales, P. Haro	**Laura Romero Piñeiro, University of Seville, Spain**
15:35-15:50	IBBCE-2026-A0282	Life-Cycle Assessment Study on H2 Production via Combined Pyrolysis-Gasification System	Éricles Nascimento, Marina Campaner Fernandes, Gustavo Valença, Telma Franco	**Éricles Vale Nascimento, State University of Campinas, Brazil**
15:50-16:10	IBBCE-2026-A0297	Valorization of Wheat Straw Using Catalytic Pyrolysis for Wastewater Treatment	Nourhan H. Khashaba, Noura F. Abdelsalam, Mamdouh A. Gadalla, Lizelle Van Dyk, Fatma H. Ashour, Hany A. Elazab	**Mamdouh Ibrahim, Port Said University, Egypt**
16:10-17:30	**Coffee Break and Networking / Poster Session**			
18:00-20:00	**Social Dinner and Networking**			

Time	Abstract ID	Presentation Title	Authors	Speaker
SALA DE JUNTAS | 11:10 - 13:00 | IBBC 2026 Special Session				
IETS Task XI Technical Session — "European Agriculture's Potential for Future Biorefineries: Circular Value Chains, Regional Opportunities, and Scale-Up Pathways"				
11:10-11:20	Opening Talk from the Session Organisers			**Sebnem Yilmaz Balaman,Nikolaos Xafenias, Chalmers Industriteknik, Sweden**
11:20-11:40	IBBC2026_IO_33	Catalytic Thermochemical Conversion of Residual Biomass to Bio-Oil	Wei Di, Christian Kugge, Derek Creaser, Louise Olsson	**Louise Olsson, Chalmers University of Technology, Sweden**
11:40-12:00	IBBC2026_IO_34	Biogas-Based Biorefineries as a Pathway to Fossil-Free Farming: Unlocking the Value of Ley and Agricultural Residues	Carina Gunnarsson, Mats Edström	**Carina Gunnarsson, RISE Research Institutes of Sweden, Sweden**
12:00-12:20	IBBC2026_IO_35	Feeding Europe's Bioeconomy: Scalable Syngas Fermentation Platforms for Agricultural Value Chains	Pawel Piatek	**Pawel Piatek, RISE Research Institutes of Sweden AB, Sweden**

Time	Abstract ID	Presentation Title	Authors	Speaker
12:20-12:40	IBBC2026_IO_36	Boreal Approach to Green Biorefining for Improved Sustainability	Tomasz Stefanski, Marketta Rinne	**Tomasz Stefanski, Natural Resources Institute Finland (Luke), Finland**
12:40-13:00	IBBC2026_IO_37	Agricultural Biomass Valorization into Functional Ingredients and Sustainable Materials: Enabling Circular Biorefineries Through Integrated Processing	Amparo Jimenez Quero	**Amparo Jimenez Quero, Chalmers University of Technology, Sweden**
13:00-13:50	**Lunch Break and Networking**			

Time	Abstract ID	Presentation Title	Authors	Speaker
SALA DE JUNTAS | 14:00 - 16:00 | Session 5C				
Industry Track — Regional Bioeconomy Clusters & Industrial Symbiosis				
14:00-14:20	IBBC2026_IO_19	TBC	Borja Espuny Contreras	**Borja Espuny Contreras, Carboliva, Spain**
14:20-14:40	IBBC2026_IO_20	Project Tulip - All It Takes Is One Bulb	Todd Hopwood	**Todd Hopwood, Siemens Energy, USA**
14:40-15:00	IBBC2026_IO_21	Ecosystems as the Engine: How They Unite Industry, Academia, and Policy to Drive Safe and Sustainable by Design Materials	Johanna K Scheper	**Johanna K Scheper, BNN, Austria**
15:00-15:15	IBBCE-2026-A0295	Industrial Symbiosis as a Strategic Design Framework for Resilient Biorefinery Systems	Kosar Parnoon, Philipp Petermeier, Marzouk Benali, Paul Stuart	**Kosar Parnoon, Polytechnique Montréal, Canada**
15:15-15:30	IBBCE-2026-A0173	Sustainable Innovation in the Biogas Sector in an Emerging Economy: The Case Study of Sanepar Water and Sanitation Company of Paraná State	Cristina M. S. Ferigotti, Gustavo R. C. Possetti	**Cristina Maria Souto Ferigotti, C.F.R Corporate Training for Innovation and Sustainability, Brazil**
15:30-15:45	IBBCE-2026-A0178	Building a Regional Circular Bioeconomy Ecosystem: Lessons From the Regenerative Rotational Circular Bioeconomy Crop Trial Program and BioBox Demonstration Platform in Regional Australia	Scott Douglas, Federation University, Future Fibres Lab, Green Lab Futures	**Scott Douglas Entrepreneur in Residence and Associate Lecturer RMIT University; CEO | Lead Clean and Circular Economy Strategist, Green Lab Futures supported by Future Fibres Lab**
15:45-16:00	TBC	TBC	TBC	TBC
16:00-17:30	**Coffee Break and Networking / Poster Session**			
18:00-20:00	**Social Dinner and Networking**			

DAY 3 - Thursday, 30 October 2026 — Future Systems, Algae Biotech & Closure

09:30 - 10:00 Conference Registrations

Time	Abstract ID	Presentation Title	Authors	Speaker
SALÓN GRADOS | 10:00 - 12:30 | Session 5A				
Joint Academic-Industry Track — Integrated Biorefinery & Energy System Design				
10:00-10:15	IBBCE-2026-A0235	Unlocking Lignocellulosic Biomethane Production Through Advanced Pretreatment: Towards Industrial Deployment of Underutilised Biomass Resources	Petteri Salonen, Juha Luostarinen, Rami Helminen	**Petteri Salonen, Finrenes Oy, Finland**
10:15-10:30	IBBCE-2026-A0040	Integrated Recovery of Bioactive Compounds From Eucalyptus globulus Residual Biomass	Ana C. Jacinto, Carolina Gonçalves, Pedro C. Branco, Paula C. R. Pinto, Sónia A. O. Santos, Armando J. D. Silvestre	**Ana Clara dos Santos Jacinto, University of Aveiro, Portugal**
10:30-10:45	IBBCE-2026-A0058	Decentralized Circular Economy-Based Small-Scale Biorefinery in the Municipality of Holambra, State of São Paulo, Brazil	Mauro Donizeti Berni, Isabela Minucio Pontes, Luiz Gustavo Antonio de Souza	**Mauro Donizeti Berni, State University of Campinas, Brazil**
10:45-11:00	IBBCE-2026-A0298	Fish Waste Oil Conversion into Biofuel: Experimental Production and Integrated Process Synthesis	Radhi Alazmi, Fathi Shokry, Nourhan H. Khashaba, Noura F. Abdelsalam, Mamdouh Gadalla, Lizelle Van Dyk, Fatma Ashour, Hany Elazab	**Fatma Ashour, Port Said University, Egypt**
11:00-11:30	**Coffee Break and Networking**			
11:30-11:45	IBBCE-2026-A0272	Thermodynamic Prediction of Batch Distillation Curves for Bio-Oils and Waste-Derived Fuels	Amir Jalalinejad, Axel Funke, Nicolaus Dahmen	**Amir Jalalinejad, Karlsruhe Institute of Technology (KIT), Germany**
11:45-12:00	IBBCE-2026-A0277	Regional Potential of Giant Reed Gasification for Renewable Electricity and Hydrogen Production	Prestipino Mauro, Fabio Famoso, Antonio Piccolo, Antonio Galvagno	**Mauro Prestipino, University of Messina, Italy**
12:00-12:15	TBC	TBC	TBC	**TBC**
12:15-12:30	TBC	TBC	TBC	**TBC**
12:30-12:45	TBC	TBC	TBC	**TBC**
12:45-13:00	TBC	TBC	TBC	**TBC**
13:00-13:50	**Lunch Break and Networking**			

Time	Abstract ID	Presentation Title	Authors	Speaker
SALÓN GRADOS | 14:00 - 15:20 | Session 4A (continued)				
Joint Academic-Industry Track — Techno-Economic Case Studies & Scale-Up Decision-Making				
14:00-14:20	IBBC2026_IO_27	Circular Fungi Materials for a Bio-Based Economy: Mycelium-Based Solutions for Construction and Packaging Derived from Chilean Agro-Industrial Residues	Rodrigo Morales Vera	**Rodrigo Morales Vera, Catholic University of Maule Talca, Chile**
14:20-14:35	IBBCE-2026-A0079	Superstructure-Based Techno-Economic Analysis of E-Fuel Production From Forest Residues CO2	João Roberto F. S, João P. Pereira, Durães L, José B. Ribeiro	**João Roberto Fernandes Santos, University of Coimbra, Portugal**
14:35-14:50	TBC	TBC	TBC	**TBC**
14:50-15:05	TBC	TBC	TBC	**TBC**
15:05-15:20	TBC	TBC	TBC	**TBC**

15:20 — Closing Joint Panel & Conference Conclusion

"Market Pull vs Technology Push: Designing the Bioeconomy of the Next Decade"

Moderator: Matthew Clingerman, Head of Licensing Technology Development, Sulzer Chemtech, USA
Confirmed Speaker: John Hacskaylo, Slate Creek Advisors LLC, USA

Time	Abstract ID	Presentation Title	Authors	Speaker
AULA 309A | 10:00 - 12:30 | Session 6B				
Academic Track — Hydrogen & Power-to-X Integration				
10:00-10:20	IBBC2026_IO_22	Hydrogen Production From Biomass and by Water Electrolysis: A Natural Symbiosis	Patrice Mangin	**Patrice Mangin, H2 V Énergies, Canada**
10:20-10:40	IBBC2026_IO_26	The Role of Hydrogen and Power-to-X Technologies for Net Zero Energy Systems	David Parra Mendoza	**David Parra Mendoza, CIIAE - Iberian Centre for Research in Energy Storage, Spain**
10:40-10:55	IBBCE-2026-A0045	Hydrogen and Biogas as Key Products in Modern Biorefineries	Cardona C.A, Rodríguez J.E	**Carlos Ariel Cardona Alzate, National University of Colombia at Manizales, Colombia**
11:00-11:30	**Coffee Break and Networking**			
11:30-11:45	IBBCE-2026-A0091	Decarbonizing European Refinery Hydrogen: Multi-Objective Optimization Under Regional Sustainable Biomass Constraints	Silvia Moreno, Ángel Luis Villanueva Perales, Bernabé Alonso-Fariñas, Pedro Haro	**Pedro Haro, University of Seville, Spain**
11:45-12:00	IBBCE-2026-A0185	Renewable Methanol Production From Industrial CO2 Through Solid Oxide Electrolysis and Power-to-X Integration: Life Cycle and Techno-Economic Assessment	Marzouk Benali, Ignacio J. Castellanos-Beltran, Cédric Diffo Teguia, Fábio G. M. de Medeiros, Marc Duchesne, David McCalden, Farid Bensebaa, Bruna Rego de Vasconcelos	**Marzouk Benali, Natural Resources Canada, Canada**

Time	Abstract ID	Presentation Title	Authors	Speaker
12:00-12:15	IBBCE-2026-A0120	Routes for the Advanced Valorization of Landfill Biogas: Production of Green Hydrogen, Biojet Fuel and Methanol	Ana Marina Lineros Reyes, Juan Luis Sanz Yagüe, José Caraballo Bello, Fernando Vidal Barrero	**EDIFESA**
12:15-12:30	TBC	TBC	TBC	**TBC**

Time	Abstract ID	Presentation Title	Authors	Speaker
AULA 309A | 12:30 - 15:20 | Session 6C				
Industry Track — Industry-Academia-Government Collaboration & Technology Transfer				
12:30-12:45	IBBCE-2026-A0140	Circular Bioeconomy Pathways for Rural Communities: From Biomass Resources to Sustainable Biobased Solutions	Alberto Coz, Tamara Llano, Fernando Pigazo, F. Sofía Gómez, Paula González, Carlos Arce, Fernando Colmenares-Quintero	**Alberto Coz, University of Cantabria, Spain**
12:45-13:05	IBBC2026_IO_25	Residual Feedstocks - A Key Competitive Advantage for Biofuels	Nuno Correia	**Nuno Correia, C-GREEN, Portugal**
13:05-13:50	**Lunch Break and Networking**			
14:00-14:15	IBBCE-2026-A0057	Production of Bioenergy and Bioplastics From Lignocellulosic Biomass Using a Synergistic Catalytic-Biological Approach	Magda Constantí, Daniel Montané, Francesc Medina	**Magda Constantí Garriga, University Rovira i Virgili, Spain**
14:15-14:40	IBBC2026_IO_23	Fibre Futures Project: Assessing the Impact of Policy on the Bioeconomy	Paul Stuart	**Paul Stuart, Polytechnique Montréal, Canada**
14:40-15:00	IBBC2026_IO_30	The Business of Technology: Licensing, Partnerships & Commercial Models	John Hacskaylo	**John Hacskaylo, Slate Creek Advisors, LLC, USA**
15:00-15:20	IBBC2026_IO_24	The Creation of a Biomethane Market in Portugal: Lessons From Industry-Academia-Government Collaboration	Francisco Gírio	**Francisco Gírio, LNEG, Portugal**

15:20 — Closing Joint Panel & Conference Conclusion

"Market Pull vs Technology Push: Designing the Bioeconomy of the Next Decade"

Moderator: Matthew Clingerman, Head of Licensing Technology Development, Sulzer Chemtech, USA
Confirmed Speaker: John Hacskaylo, Slate Creek Advisors LLC, USA