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V2.7.I.38	Treatment of Fuel Gas to Gain Natural Gas Quality Process Validation of Different Gas Cleaning Technologies <i>Ch. Roschitz, W. Stutterecker, M. Kleinhappl, N. Machan, J. Draxler</i>	1855
V2.7.I.39	Membrane Separation Process for Biogas Upgrading <i>M. Harasek, A. Makaruk, M. Miltner, R. Schlager</i>	1861
V2.7.I.40	Technological Evaluation of an Agricultural Biogas CHP Plant as well as Definition of Guiding Values for the Improved Design and Operation <i>J. Pfeifer, I. Obernberger</i>	1864
V2.7.I.42	Utilization of Grass from Landscape Management for Anaerobic Fermentation <i>D. Andert, J. Andertová, J. Frydrych, I. Gerndtová, I. Hanzlíková, R. Koutny</i>	1869
V2.7.I.43	Municipal Plant of Solid Waste Self-Supplied Energetically <i>D. Crozza, V. Montes Molina, A. Pagano</i>	1872

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ORAL PRESENTATIONS: OB2, OB5, OB8, OC2, OC5

OB2.2	Co-processing of Upgraded Bio-liquids in Standard Refinery Units - Fundamentals <i>A. Gutierrez, M.E. Domine, Y. Solantausta</i>	1879
OB5.5	Cellulosic Biofuels - a Short Introduction to Manufacture and Economics <i>J.-P. Lange</i>	1884
OB8.1	Fuel Ethanol Production from Steam-Exploded Wheat Straw by a Simultaneous Saccharification and Fermentation Process <i>P. Manzanares, M.J. Negro, A. Gonzalez, J.M. Oliva, I. Ballesteros, M. Ballesteros</i>	1887
OB8.4	Small-Sized Bioethanol Plants Powered by Renewable Energy <i>B. Liebmann, A. Bauer, T. Amon, G. Gwehenberger, M. Narodoslowsky, W. Wukovits, A. Friedl</i>	1891
OB8.5	Breakthrough in Bio-Ethanol Gasoline Blending: Hydrous E15 <i>A. Gottschalk</i>	1895
OC2.1	BTL- Biomass To Liquid (Fischer Tropsch Process at the Biomass Gasifier in Güssing) <i>K. Ripfel-Nitsche, H. Hofbauer, R. Rauch, M. Goritschnig, R. Koch, R. Lehner, M. Koch, A. Kiennemann, S. Oleksiak</i>	1898
OC2.2	The European Integrated Project RENEW - Renewable Fuels for Advanced Powertrains <i>J. Muth</i>	1902
OC2.3	Analysis and Evaluation of the 2nd Generation of Transportation Biofuels <i>F. Müller-Langer, A. Vogel, M. Kaltschmitt, D. Thrän</i>	1908
OC5.1	Enhanced Symbiosis between Bioenergy and Hydrogen using SCWG <i>J. Kozinski, I. Gokalp, R. Hashaikeh, Z. Fang</i>	1912
OC5.3	Identification of a Suitable Process Route for the Biological Production of Hydrogen <i>W. Wukovits, A. Friedl, M. Schumacher, M. Modigell, K. Urbaniec, M. Ljunggren, G. Zacchi, P.A.M. Claassen</i>	1919
OC5.4	Hydrothermal Gasification of Biomass vs. Anaerobic Fermentation - Technology Assessment under Ecological Aspects <i>K. List, N. Boukis, R. Ackermann</i>	1924
OC5.5	Robust Vacuum Solutions in Biomass Processing	1926

D. Collins, M.L. Butterill

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V2.8.I.1	The Potential of Biomass in Thailand and the Production of Synthetic Diesel Fuel from Thai Biomass <i>K. Laohalidanond, C. Wirtgen</i>	1935
V2.8.I.4	Wood to Biofuel - Feasibility Study for a Biofuel Plant in the Austrian Province of Styria <i>G. Jungmeier, A. Lingitz, J. Spitzer, H. Hofbauer, S. Fürnsinn</i>	1942
V2.8.I.6	Development of a 2 ton/day-scale Test Plant for Total Operation Study of Woody Biomass Gasification and Liquid Fuel Synthesis <i>K. Matsumoto, K. Takeno, T. Ichinose, H. Ishii, K. Nishimura</i>	1945
V2.8.I.7	Comparative Hydroliquefaction of Pine Pinus Sylvestris Wood and Bark <i>H. Luik, L. Luik, N. Vink, J. Kozyreva, J. Sokolova</i>	1951
V2.8.I.8	Thermochemical Co-Liquefaction of Woody Biomass and Fossil Fuel in Supercritical Water <i>L. Luik, H. Luik, N. Vink, K. Kruusement, R. Veski</i>	1955
V2.8.I.9	Catalytic Steam Reforming of 1-Butanol as a Model Compound of Bio-Oil. Influence of the Nickel Content in Nickel Coprecipitated Catalysts <i>F. Bimbela, M. Oliva, J. Ruiz, L. García, J. Arauzo</i>	1960
V2.8.I.15	Catalytic Steam Reforming of Pyrolysis Liquids in Fluidized Bed Reactor over Coprecipitated Nickel Catalysts Modified with Calcium. Study of Acetic Acid as a Model Compound <i>J.A. Medrano, F. Bimbela, M. Oliva, J. Ruiz, L. García</i>	1965
V2.8.I.16	Perspectives of Bio-Ethanol Production from Maize in Italy <i>V. Amicarelli, O. De Marco, G. Lagioia, S. Stifani</i>	1972
V2.8.I.18	Life Cycle Assessment of Bioethanol Production from Straw <i>Mozaffarian, M.Kuijvenhoven, J.F.Reith, J.H.Deurwaarder, E.P.den Uil, H.</i>	1976
V2.8.I.19	Quality Assurance for Rapeseed Oil Fuel <i>T. Gassner, E. Remmele, K. Stotz</i>	1982
V2.8.I.21	Liquid Biofuels from Wastes and Biomass - Towards Demonstration <i>Y. Solantausta, A. Oasmaa, V. Arpiainen</i>	1985
V2.8.I.24	Study of the Hydrodeoxygenation of Vegetable Oils <i>M. Krár, Sz. Magyar, A. Thernesz, A. Holló, L. Boda, J. Hancsók</i>	1988
V2.8.I.25	Investigation of the Stability of Ethanol/Diesel Fuel Emulsion <i>J. Hancsók, G. Nagy, Z. Varga</i>	1993
V2.8.I.27	Direct Bioconversion of Brewer's Spent Grain to Ethanol by Coupling Solid State and Submerged Fermentation <i>C. Xiros, P. Christakopoulos</i>	1998
V2.8.I.29	Biodiesel from Rape Oil. Transesterification with Methanol <i>J.M. Encinar, J.F. González, G. Martínez</i>	2005
V2.8.I.30	Etherification of Glycerol Catalyzed by Solid Acid Systems <i>G. Bonura, L. Spadaro, O. Di Blasi, F. Frusteri</i>	2011

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V2.8.II.4	Experimental Evaluation of Sunflower Oil Extraction with Supercritical CO ₂ <i>L. Fiori, A. Lorenzi, M. Grigante, P. Baggio, M. Baratieri</i>	2016
V2.8.II.6	Thermo chemical Analysis of the Production of SNG from Wood <i>M.C. Seemann, S.M.A. Biollaz, S. Stucki</i>	2021

V2.8.II.7	BM2BH: Selecting Biomass Feedstocks for Biohydrogen Production - A New Approach <i>L.K. Diamantopoulou, L.S. Karaoglanoglou, I.A. Panagiotopoulos, D.P. Koullas, R. Bakker, E.G. Koukios</i>	2025
V2.8.II.8	New Thermostable Enzymes for Bioethanol Production from Lignocellulosic Materials <i>F. La Cara, A. Morana, E. Ionata, F. Zimbardi, F. Nanna, L. Maurelli, R. Pellicchia, A. Di Salle, M. Rossi</i>	2028
V2.8.II.9	Alternative Fuel for Internal Combustion Engines. Biodiesel, Transesterification of Animal Fats with High FFA <i>F. Popescu, I. Ionel, R. Meyer-Pittroff</i>	2031
V2.8.II.10	Minimization of Energy Duties and Water Consumption in the Production of Bioethanol by a Dry Milling Process <i>M. Sudiro, G. Franceschin, A. Bertucco</i>	2035
V2.8.II.12	Gtbe - Turning Residual Biodiesel Glycerin into a Remedy for Diesel Soot Emissions; Thermodynamic Background <i>W.N. Wermink, K. Klepáčová, P. Ijben, S. van Loo, G.F. Versteeg</i>	2045
V2.8.II.14	Biodiesel Production from Ocean Biomass <i>R. Rana, V. Spada</i>	2050
V2.8.II.17	Fermentation of Olive Cake Lignocellulosic Biomass into Fuel Ethanol <i>A. El Asli, K. El Ouahbi, F. Errachidi, A. Qatibi, K. Sendide</i>	2054
V2.8.II.19	Comparative Study of Bioethanol Production from Corn Hydrolyzates using Different Yeast Preparations <i>M. Rakin, L. Mojovic, S. Nikolic, M. Vukasinovic, V. Nedovic</i>	2058
V2.8.II.23	Ethanol from Cardoon Biomass by a Saccharification and Fermentation Process (SSF) with <i>Kluyveromyces Marxianus</i> CECT 10875 <i>M.J. Negro, J.M. Oliva, I. Ballesteros, M. Ballesteros, F. Sáez, P. Manzanares</i>	2063
V2.8.II.24	Effect of Enzyme Concentration, Temperature and Inoculum Size on Cell Viability and Ethanol Production of <i>Kluyveromyces Marxianus</i> <i>M.E. Tomás-Pejó, M. García-Aparicio, M.J. Negro, J.M. Oliva, M. Ballesteros</i>	2067
V2.8.II.31	Prospects of Bio - Hydrogen Production <i>V. Spada, M. Dipaola</i>	2071

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OA9.1	Biomass Conversion to Chemicals and Nano Materials by Steam Explosion <i>J. Gravitis, J. Abolins</i>	2076
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OA9.3	Thermochemical Fractionation Effect on Mechanical Behaviour of Biomaterial Based Composites <i>A.Y. Nenonene, K. Sanda, P. Evon, L. Rigal</i>	2084
OA9.4	Comparison of a Designed Bio-Based Butanediol Process with a Conventional Butanediol Process <i>B.P. Husemann, I. Barthle, D. Schieder, M. Faulstich</i>	2088
OA9.5	Precipitated Silica from Rice Husk Ash by IPSIT Process <i>D.N. Subbukrishna, K.C. Suresh, P.J. Paul, S. Dasappa, N.K.S. Rajan</i>	2091

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V2.9.I.5	Studies on Phanerochaete Chrysosporium Prebleaching of Steam Distillation Waste of Cymbopogon Martini Pulp and its Impact on TCF bleaching Sequences <i>C.H. Tyagi, D. Dutt, A.K. Upadhyay, J.S. Upadhyay</i>	2103
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- OA7.3 Substitution of Fossil Carbon in Metallurgy -
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- OA7.4 Jenbacher Gas Engines - Experiences with Special Gases
G. Klammer
- OB1.1 State-of-the-Art of Small and Medium Scale Biomass Gasification for Polygeneration in Germany: First Plants entering the Market
E. Oettel, D. Bräkow
- OB1.2 Analysis and Evaluation of Small Scale CHP-Concepts - A Techno-Economic Comparison of Gasification and Combustion
A. Vogel, M. Bolhär-Nordenkamp, M. Kaltschmitt, H. Hofbauer
- OB1.3 Results from Planar SOFCs Operated on Hot Cleaned Gas Derived from Two Experimental Gasification Facilities
Ph. Hofmann, A. Schweiger, L. Fryda, K.D. Panopoulos, U. Hohenwarter, J.P. Ouweltjes, J. Karl, E. Kakaras
- OB1.4 Link-up of a 1 Kw-SOFC with an Updraft-wood Gasifier Via Hot Gas Processing
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Thermochemical Conversion – Gasification for Clean Synthesis Gas Production

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- OB6.1 Characterization of Gaseous and Condensable Components in the Product Gas Obtained during Steam-Oxygen Gasification of Biomass in A 100kWth CFB Gasifier
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- OB6.4 Fluidized Bed Gasification of Wet Biomass
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- OB6.5 Clean Gas from Up Scalable Staged Fixed Bed Gasifier
P.B. Friehling, M. Nielsen, T. Koch
- OB9.1 Production of Synthesis Gas for Liquid Fuel Synthesis Using a Steam Hydrogasification and Reforming Process
A.S.K. Raju, C.S. Park, J.M. Norbeck
- OB9.2 Catalytic Gasification of Pyrolysis Oil in a Staged Two Bed Reactor
G. van Rossum, S.R.A. Kersten, W.P.M. van Swaaij

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- OC1.2 Fast Pyrolysis of Wood Coming from a Thermal Pre-Treatment of Wood Waste containing Urea - Formaldehyde and Melamine-Formaldehyde Resins
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B. Forsman, W. Zhang, J.B.C. Pettersson
- OC1.5 Catalytic Pyrolysis of Biomass in a Fluidized Bed Reactor
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N. Bech, P.A. Jensen, K. Dam-Johansen
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J. Giuntoli, W. de Jong, A.H.M. Verkooijen, S. Arvelakis, H. Spliethoff

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- OC8.3 Ash Deposits Removal in Biomass Power Plant Boilers
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- OC11.2 Power Plants for Fulfilling the Local Demands of Biomass Utilization and Energy Production
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- OC11.4 Environmental Feasibility of Biomass Cofiring in the Cement Industry. Results of the Tests Carried Out at the Cemex Company Plant Located in Morata de Jalón (Spain)
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- OC11.5 Biofuels in Power Generation: the Energy and Environmental Performances of Biodiesel in Gas Turbine Plants
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- OA3.3 Emissions from Combustion of Agricultural Fuels - Results from Combustion Tests

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- OA3.5 R&D Measures for Small Scale Combustion Plants with Alternative Biofuels for District Heat Production in Germany
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- OA6.4 Study of the Effect of Inorganic Species on SOFC Materials
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- OA6.5 Efficient Conversion of Biogas into Electricity and Heat by a Solid Oxide Fuel Cell
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- OA8.4 European Experience of Upgrading Biogas to Vehicle Fuel and for Gas Grid Injection
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- OA8.5 Which is the Preferred Method of Generating Transport Biofuel from Wheat; Ethanol or Biogas?
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- OB2.5 From Cellulose Ethanol Pilot - to Industrial Development
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- OB5.4 NILE (New Improvements for Ligno-Cellulosic Ethanol), a Project in FP6 of the European Commission
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- OB8.5 Breakthrough in Bio-Ethanol Gasoline Blending: Hydrous E15
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- OC9.3 Developments in International Bioenergy Trade and Markets: Results of IEA Bioenergy Task 40 2004-2006
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- WS2.2 Optimized Growth and Preservation of Energy Crop
M. Heiermann, C. Herrmann, C. Idler, V. Scholz
- WS2.3 Biogas as Vehicle Fuel – Merits and Limits
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WS 4: Task 40 'Ensuring Increasing and Sustainable Biomass Production: the Importance for International Bioenergy Trade'

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- WS4.2 Sustained Supply of Bio-Energy in Growing Competitive International Markets
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- WS4.3 Overview of International Developments in Sustainable Biomass Production and Certification
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- WS5.6 Net Greenhouse Gas Reduction Costs of Bioenergy after Consideration of Co-Benefits
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