- ACS 2003년 가을 학회 Biomass 관련 목차

Keep in Itinerary	Meeting	Date	Location	Title (Presentation Type)
	226th ACS National Meeting (New York, Fall 2003)/AGFD / Biochemistry for Designing Industrial Crops	Wed 09/10/2003 9:05 AM	Javits Convention Center 1A06	Paper 146 : (Oral) Characterization and improvement of biomass-degrading enzymes. C. C. Lee , D. W. S. Wong , S. B. Batt , T. G. Williams , G. H. Robertson
	226th ACS National Meeting (New York, Fall 2003)/BIOL / General Posters	Wed 09/10/2003 6:00 EVE	Hilton New York Rhinelander Center	Paper 203 : (Poster) System configurations for processes based on enzymatic hydrolysis of lignocellulosic biomass. K. L. Kadam , A. Mohagheghi , J. D. McMillan
	226th ACS National Meeting (New York, Fall 2003)/CATL / Microreaction Technology and Process Intensification	Mon 09/08/2003 3:15 PM	Javits Convention Center 1A05	Paper 13 : (Oral) Microchannel catalytic process for converting biomass derived syngas to transportation fuels. C. Cao , Y. Wang , D. C. Elliott , J. Hu , D. Stevens
	226th ACS National Meeting (New York, Fall 2003)/FUEL / Reaction Pathways and Structure-Property Relationships in Fuel Chemistry	Mon 09/08/2003 9:50 AM	Javits Convention Center 1A14	Paper 37 : (Oral) Formation mechanisms of nitrogenous char and NO during biomass combustion. H. Im , F. Rasouli , M. Hajaligol
	226th ACS National Meeting (New York, Fall 2003)/FUEL / Advances in Biomass Processing and Combustion	Mon 09/08/2003 8:35 AM	Javits Convention Center 1A12	Paper 42 : (Oral) Biomass resources to support a low carbon future. R. Overend
	226th ACS National Meeting (New York, Fall 2003)/FUEL / Advances in Biomass Processing and Combustion	Mon 09/08/2003 9:20 AM	Javits Convention Center 1A12	Paper 43 : (Oral) Biomass pyrolysis for distributed energy generation. M. A. Serio , E. Kroo , M. A. W´ojtowicz
	226th ACS National Meeting (New York, Fall	Mon 09/08/2003 9:45 AM	Javits Convention Center	Paper 44 : (Oral) Biomass torrefaction studies with a molecular beam mass

	2003)/FUEL / Advances in Biomass Processing and Combustion		1A12	spectrometer. M. Nimlos , E. Brooking , M. J. Looker , R. J. Evans
	226th ACS National Meeting (New York, Fall 2003)/FUEL / Sci-Mix	Mon 09/08/2003 8:00 EVE	Javits Convention Center North Pavillion	Paper 44 : (Poster) Biomass torrefaction studies with a molecular beam mass spectrometer. M. Nimlos , E. Brooking , M. J. Looker , R. J. Evans
	226th ACS National Meeting (New York, Fall 2003)/FUEL / Advances in Biomass Processing and Combustion	Mon 09/08/2003 10:50 AM	Javits Convention Center 1A12	Paper 46 : (Oral) Hydrogen from biomass by catalytic steam reforming of biomass pyrolysis vapors. R. J. Evans , E. Chornet , S. Czernik , C. Feik , R. French , S. Phillips , Y. D. Yeboah , D. Day , S. Ellis , D. McGee , M. J. Realff
	226th ACS National Meeting (New York, Fall 2003)/FUEL / Advances in Biomass Processing and Combustion	Mon 09/08/2003 11:40 AM	Javits Convention Center 1A12	Paper 48 : (Oral) Plasma gasification of biomass in a downflow reactor. Z. L. Zhao
	226th ACS National Meeting (New York, Fall 2003)/FUEL / Reaction Pathways and Structure-Property Relationships in Fuel Chemistry	Mon 09/08/2003 3:30 PM	Javits Convention Center 1A14	Paper 61 : (Oral) Effects of nanoparticle iron oxide on CO and NO removal in biomass pyrolysis and oxidation processes. P. Li , F. Rasouli , M. R. Hajaligol
	226th ACS National Meeting (New York, Fall 2003)/FUEL / Advances in Biomass Processing and Combustion	Mon 09/08/2003 3:00 PM	Javits Convention Center 1A12	Paper 68 : (Oral) Effects of biomass blending on combustion ash. C. J. Zygarlicke , B. Folkedahl
	226th ACS National Meeting (New York, Fall 2003)/FUEL / Advances in Biomass Processing and Combustion	Mon 09/08/2003 3:25 PM	Javits Convention Center 1A12	Paper 69 : (Oral) Predicting NOx emissions from biomass cofiring. S. Niksa , G. Liu , L. Felix , P. V. Bush , D. M. Boylan
	226th ACS	Mon	Javits	Paper 70 : (Oral) Study on

	National Meeting (New York, Fall 2003)/FUEL / Advances in Biomass Processing and Combustion	09/08/2003 3:50 PM	Convention Center 1A12	the mechanism of NOx formation for co-combustion of pulverized coal and biomass. X. Ma , S. Su , Z. Zhao , X. Zhang , Y. Chen
	226th ACS National Meeting (New York, Fall 2003)/FUEL / Fuel Cell Systems and Fuel Processing for Fuel Cell Applications	Tue 09/09/2003 2:30 PM	Javits Convention Center 1A11	Paper 113 : (Oral) An innovative highly efficient combined cycle fossil and biomass fuel power generation and hydrogen production plant with zero CO_2 emission. M. Steinberg

7차 ICCDU(International Conference on Carbon Dioxide Utilization) 학회에서 바이오매스 관련 발표논문

Environmental Friendly Processes to Use Biomass as a Feedstock for Chemistry and Energy
E. Dinjus

The Production of Clean Fuels from CO2 Rich Biosyngas
Jae-Seong Ryu, Seong-Bo Kim, Ki-Won Jun, Kyu-Wan Lee and Myong-Jae Choi

Biomass Japan Strategy
Shin-ya Yokoyama

Process Evaluation of Biomass to Liquid Fuel Production System with Gasification and Liquid Fuel Synthesis
Tomoaki Minowa, Toshiaki Hanaoka and Shin-ya Yokoyama

Novel Catalysts for Gasification of Biomass with High Energy Efficiency
Keiichi Tomishige, Tomohisa Miyazawa, Mohammad Asadullah, Shin-ichi Ito and Kimio Kunimori

Improving Carbon Utilization Efficiency in Biomass Conversion to Synthetic Hydrocarbons via Fischer-Tropsch Synthesis
Dominik Unruh, Martin Rohde and Georg Schaub

Fischer-Tropsch Synthesis with Syngas from Biomass - Kinetic Analysis of Fixed Bed Reactor Model Experiments
Dominik Unruh, Martin Rohde, Paula Pias , Kyu-Wan Lee and Georg Schaub

Hydrogen Production from Woody Biomass by Novel Gasification Method Using CO2 Sorbent
Toshiaki Hanaoka, Shinji Fujimoto, Takahiro Yoshida, Kenji Kamei, Michiaki Harada, Yoshizo Suzuki, Shin-ya Yokoyama and Tomoaki Minowa

Fischer-Tropsch Reactions with CO2 Containing Biosyngas in SBR
Jae-Seong Ryu, Kyu-Wan Lee, Seong-Bo Kim, Myoung-Jae Choi and Hee-Soo Yoo

Production of Biodiesel using Heterogeneous Catalysts from Vegetable Oil
Hak-Ju Kim, Bo-Seung Kang, Min-Ju Kim, Deog-Keum Kim, Jin-Suck Lee and

Kwan-Young Lee