

## (4) 口頭発表 (海外)

## ガス化WG

[様式 9]

No.	年度	発表テーマ名	学会名等	発表者名	備考
1	12年度	Intraparticle Heat and Mass Transfer Characteristics of Water vapour Adsorption	Proc. of 12th Intl. Drying Symp., (2000) (Noordwijkerhout, Netherland)	E. Yamamoto, F. Watanabe, N. Kobayashi, M. Hasatani	若
2	12年度	Pyrolysis Behavior of Refuse Derived Fuel	Fluidization 2000 Science and Technology, Conference Papers of Seventh China-Japan Symposium, Edited by Delong Xu and S. Mori, October, Xi' an, China, (2000)	X. Yang, Y. Itaya, S. Hatano, R. Yamazaki, S. Mori	
3	13年度	Gasification of Organic Waste Materials(OWM) for Power Generation Using Fuel Cell	6th World Congress of Chemical Engineering Melbourne, Australia 23-27 September 2001	G.L. Piao, M.Kondo, M.Hamai, M.Yamaguchi, M.Minabe, S.Kurachi, Y.Itaya, S.Mori	雇
4	13年度	Adsorption Removal of Pollutants in Energy Recycle Process of Wastes by Active Cokes Produced from Sludge in Fluidized Bed	International Conference on Incineration and Thermal Treatment Technologies 2001, May 14-18, Philadelphia, U.S.A. (2001)	Naozumi Kojima, Aki Mitomo, Yoshinori Itaya, Shigekatsu Mori, Shuichi Yoshida	若
5	13年度	Gasification Process of Organic Wastes for Electric Power Generation by Fuel Cell	Proc. APCCHE2002, Christchurch, New Zealand, September (2002)	S.Mori, M.Kondo, M.Hamai, M.Yamaguchi, G.Piao, A.S.Hendarsa, S.Hatano, Y.Itaya	
6	14年度	Feasibility of High Level Cold Heat Energy Production by Carbon/Ammonia Adsorption Heat Pump	7th International Energy Agency Heat Pump Conf. (2002) (Beijing, China)	J.F. Li, R. Fujisawa, N. Kobayashi, M. Hasatani	若
7	14年度	Heat and Mass Transfer Characteristics of Active Carbon/Ammonia Adsorption Heat Pump with a Packed Bed Type Adsorber	Asian Conf. on Refrigeration and Air Conditioning, (2002) (Kobe, Japan)	J.F. Li, R. Fujisawa, N. Kobayashi, M. Hasatani	若
8	15年度	Production of Activated Carbons by KOH Chemical Activation for Adsorption Heat Pump	Carbon Conference 2003, Oviedo, Spain (2003)	J.Kobayashi, T.Fujita, M.Sugiyama, N.Fukuta, N.Kobayashi, F.Watanabe, M.Hasatani	若
9	15年度	Gasification Behavior of Woody Biomass Entrained in Down-Flow Furnace with Auxiliary Fuel Burner	22nd International Conference on Incineration and Thermal Treatment Technologies 2003 (IT3-2003), May 12-16, Orlando, U.S.A.	G. Piao, M. Kondo, M. Hamai, Y. Itaya, S. Mori	雇
10	15年度	Cold Heat Output Performance of 0.5 USRT Adsorption Heat Pump	Proc. of 9th International Conf. On Thermal Energy Storage, (2003) (Warsaw, Poland)	M. Kubota, T. Ueda, R. Fujisawa, F. Watanabe, N. Kobayashi, M. Hasatani	若
11	15年度	Optimum Packing of Adsorbent in Adsorber of Active Carbon/Ammonia Adsorption Heat Pump	Proc. of 9th International Conf. On Thermal Energy Storage, (2003) (Warsaw, Poland)	J. Li, M. Kubota, F. Watanabe, N. Kobayashi, M. Hasatani	若

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12	15年度	Development of High-Performance Adsorption Heat Pump by Using FT Module Type Adsorber	Proc. of the International Seminar on Thermally Powered Sorption Technology, (2003) (Fukuoka, Japan)	F. Watanabe, J. Li, M. Kubota, N. Kobayashi, M. Hasatani	
13	16年度	Pulverization Technique of Ligneous Biomass and its Effective Utilization	23rd International Conference on Incineration and Thermal Treatment Technologies (IT3-2004), May 10-14, Phoenix, U. S. A. (2004)	N. Kobayashi, T. Sato, Y. Itaya S. Mori	若
14	16年度	Selective Dechlorination Reaction between Slaked Lime and HCl Coexisting with Carbon Dioxide in a Fluidized Bed	The 11th International Conference on Fluidization: Present and Future for Fluidization Engineering, May 9-13, Napoli, Italy (2004)	Y. Itaya, S. Kurachi, M. Kondo, M. Hamai S. Mori	
15	16年度	Manufacturing of activated coke from lignerous biomass in a fluidized bed.	The 10th Asian Pacific Confederation of Chemical Engineering Congress, Kitakyushu (Japan), October (2004)	S. Mori et.al	

#### 廃水WG

No.	年度	発表テーマ名	学会名等	発表者名	備考
1	11年度	Molecular breeding of plants harboring bacterial cellulolytic enzymes.	APBiochEC'99 Phuket	Kimura, T., Kawazu, T. Mizutanu, T. Karita, S., Sakka, K. Ohmiya, K.	
2	11年度	Cellulase complex from <i>Ruminococcus albus</i> .	Biotechnology for Sustainable Utilization of Biological Resources in the Tropics, Penang, Malasia. JSPS-NRCT/DOST/LIPI/VCC JOINT SEMINAR. 1999. 11. 20-25	Ohara, H. Karita, S. Kimura, T. Sakka, K. Ohmiya, K.	
3	11年度	Measurements of concentration distributions on membrane in ultrafiltration of protein solutions	The 5th Korea-Japan Symposium on Separation Technology, Seoul, Korea, (1999)	E. Iritani Y. Mukai E. Hagihara	
4	11年度	Simultaneous operations of concentration and separation of binary protein mixtures with superabsorbent hydrogels	The 5th Korea-Japan Symposium on Separation Technology, Seoul, Korea, (1999)	E. Iritani Y. Mukai C. Ueki	
5	11年度	Concentration and fractionation of protein mixtures by membrane filtration	The 5th Korea-Japan Symposium on Separation Technology, Seoul, Korea, (1999)	Y. Mukai E. Iritani	若
6	11年度	Dynamic behaviors of filtrate flux and solute rejection in protein ultrafiltration	The 8th APCChE (Asian Pacific Confederation of Chemical Engineering) Congress, Seoul, Korea, (1999)	Y. Mukai E. Iritani	若
7	11年度	Dynamic behaviors of protein layer accumulated on membrane in dead-end ultrafiltration	The 8th APCChE (Asian Pacific Confederation of Chemical Engineering) Congress, Seoul, Korea, (1999)	E. Iritani Y. Mukai E. Hagihara	

No.	年度	発表テーマ名	学会名等	発表者名	備考
8	12年度	The cellulase complex of <i>Ruminococcus albus</i> .	2nd joint INRA-RRI Gastrointestinal tract Microbiology Symposium Clermont-ferand, France. 2000. 5. 25-26	K. Ohmiya H. Ohara S. Karita T. Kimura K. Sakka	
9	12年度	Conversion of chitin into hydrogen gas by an anaerobic bacterium	3rd European Symposium on Biochemical Engineering Science From Biological Sequences to Industrial Products. Copenhagen, Denmark. 2000. 9. 10-13	K. Sakka K. Morimoto D. Evvyerniil S. Karita T. Kimura K. Ohmiya	
10	12年度	Hydrogen gas production from <i>N</i> -acetyl-D-glucosamine (GlcNAc) by <i>Clostridium paraputrificum</i> .	Biotechnology for Sustainable Utilization of Biological Resources in the Tropics. JSPS-NRCT/DOST/LIPI/VCC JOINT SEMINAR. 1999. 11. 20-25	Evvyernie, D. Yamazaki, S. Morimoto, K. Karita, S. Kimura, T., Sakka, K. Ohmiya, K.	
11	12年度	Characterization of <i>Clostridium paraputrificum</i> as a chitinolytic and hydrogen gas-producing bacterium.	Clostridium, University of Illinois at Urbana-Champaign. 2000, 5月25-27日	K. Sakka, K. Morimoto D. Evvyerniil, S. Karita, T. Kimura, K. Ohmiya	
12	12年度	Oxidative Steam Reforming of Methanol as a New Method for the Selective Production of Hydrogen for Fuel Cells : Effect of Zr on the Catalytic Performance of Catalysts Derived from CuZnAl-Layered Double Hydroxides	International Symposium on Zeolites and Microporous Crystals (平成12年8月)	S. Velu K. Suzuki	
13	12年度	Microbial production of hydrogen from chitinous waste and its conversion to electricity with fuel cell	JSPS-NRCT DOST/ LIPI/ VCC JOINT SEMINAR. Microbial utilization of unused organic resources in asain countries Lombok, Indonesia (Sheraton Senggigi) 2000. 11. 19-22	K. Ohmiya	
14	12年度	Properties of filter cake in filtration of binary mixtures	World Filtration Congress 8, Vol.1, Brighton (UK), (2000)	E. Iritani Y. Mukai Y. Toyoda	
15	12年度	Expression of genes encoding bacterial cellulolytic enzymes in plant cell.	Second International Symposium, Molecular Breeding of Forage Crops 2000, AUSTRALIA, 2000. 11. 19-24	T. Kimura, T. Kawazu, T. Mizutani, S. Karita K. Sakka, K. Ohmiya	
16	12年度	"Selective Production of Hydrogen for Fuel Cells via Oxidative Steam Reforming of Methanol	The 2000 International Chemical Congress of Pacific Basin Societies (平成12年12月)	S. Velu K. Suzuki	
17	13年度	Evaluation of blocking resistance of microfiltration membrane during cake filtration of dilute latex suspension	6th World Congress of Chemical Engineering, Melbourne (Australia), (2001. 9. 23)	Y. Mukai T. Kawakami E. Iritani	若

No.	年度	発表テーマ名	学会名等	発表者名	備考
18	13年度	Analysis of cake formation and pore blocking in microfiltration of secondary municipal wastewater	6th World Congress of Chemical Engineering, Melbourne (Australia), (2001.9.23)	Than Ohn、 向井康人、 入谷英司	雇
19	13年度	Characteristics of the filter cake formed in micro- and ultrafiltration of binary mixtures	The 6th World Congress of Chemical Engineering, Melbourne (Australia), (2001.9.23)	E. Iritani Y. Mukai S. Yamaguchi	
20	13年度	Expression of the bacterial cellulolytic enzyme gene in Tobacco and Rice Plants.	Gordon Research Conference (GRC) on "cellulase and Cellulosome" Andover, U. S. A. 2001.7.29-8.3	T. Kimura, T. Mizutani T. Kawazu, S. Karita K. Sakka, K. Ohmiya	
21	14年度	Dynamic Behaviors of Constant Rate Microfiltration with Cyclic Backwashing in purification of Sewage Secondary Effluent	2002 Symposium of Transport Phenomena and Applications / Solid-Liquid Separation Forum, Taipei (Taiwan), (2002)	E. Iritani	
22	14年度	Internal Structure of Filter Cake in Protein Ultrafiltration	The 4th World Congress on Particle Technology, Sydney (Australia), CD-ROM (2002)	E. Iritani, Y. Mukai	
23	14年度	Purification of Secondary Municipal Wastewater by Micro-filtration using Ceramic Membrane	The 9th Asian Pasific Confederation of Chemical Engineering, Christchurch, New Zealand, September 2002	Than Ohn Eiji Iritani Mohammed S. Jami Yasuhito Mukai Nobuyuki Katagiri	雇
24	15年度	Dynamic Behaviors in Membrane Filtration of Fine Particle/Macromolecule Mixtures	FILTECH EUROPA 2003, Dusseldorf (Germany), 2003年10月23日	Y. Mukai, E. Iritani	若
25	15年度	Purification of Sewage Secondary Effluent by Microfiltration with Combined System of Physical and Chemically Enhanced Backwashing	FILTECH EUROPA 2003, Dusseldorf (Germany), 2003年10月23日	T. Ohn, M. S. Jami, E. Iritani, Y. Mukai N. Katagiri	雇
26	15年度	Consolidation Behaviors of Gel Emulsion Cake in Filtration of O/W Emulsions with or without Solid Particles	FILTECH EUROPA 2003, Dusseldorf (Germany), 2003年10月23日	E. Iritani, Y. Mukai, N. Katagiri, I. Yoshii	
27	15年度	Ultrafiltration Behavior of Corynebacterium Glutamicum Slurry Containing Bovine Serum Albumin	FILTECH EUROPA 2003, Dusseldorf (Germany), 2003年10月23日	K. Ohmori, E. Iritani	若
28	15年度	Purification of Coagulated Sewage Secondary Effluent by Microfiltration with Combined System of Physical and Chemically Enhanced Backwashing	FILTECH EUROPA 2003, Dusseldorf (Germany), 2003年10月23日	Than Ohn, M. S. Jami, E. Iritani, Y. Mukai N. Katagiri	雇
29	16年度	Analysis of Constant Rate and Constant Pressure Microfiltration with Cyclic Backwashing	The 10th Asian Pacific Confederation of Chemical Engineering Congress, Kitakyushu (Japan), October (2004)	Mohammed S. Jami, Than Ohn, Eiji Iritani	

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30	16年度	Application of Microfiltration with Ceramic Membrane to Purification of Coagulated Sewage Secondary Effluent	The 10th Asian Pacific Confederation of Chemical Engineering Congress, Kitakyushu (Japan), October (2004)	Than Ohn, Mohammed S. Jami, Eiji Iritani	雇
31	16年度	Flux Decline Behaviors on Ultrafiltration of Slurry of Microorganism/BSA Mixtures	The 10th Asian Pacific Confederation of Chemical Engineering Congress, Kitakyushu (Japan), October (2004)	Kazushige Ohmori, Eiji Iritani	若
32	16年度	Remediation of Consolidated Soil Contaminated with Zn by Electrokinetic Method Accompanying with Ion Exchange Reaction	The 10th Asian Pacific Confederation of Chemical Engineering Congress, Kitakyushu (Japan), October (2004)	Kazuhiko Hayashi, Nobuyuki Katagiri, Eiji Iritani	若
33	16年度	Evaluation of Solid-Liquid Separation Properties Based on Characteristics of Activated Sludge	The 10th Asian Pacific Confederation of Chemical Engineering Congress, Kitakyushu (Japan), October (2004)	Nobuyuki Katagiri, Tetsutaka Sengoku, Eiji Iritani, Itaru Sakai, Shohei Fukada	若
34	16年度	Osmotic Dewatering of Difficult-to-Filter Slurry by Use of Hypertonic Polymer Solution	The 10th Asian Pacific Confederation of Chemical Engineering Congress, Kitakyushu (Japan), October (2004)	Nobuyuki Katagiri, Hiroshi Tsuchiya, Eiji Iritani, Masashi Iwata	若
35	16年度	Expression and Expansion Behaviors of Granular Bed of Swelled Superabsorbent Hydrogels	The 10th Asian Pacific Confederation of Chemical Engineering Congress, Kitakyushu (Japan), October (2004)	Eiji Iritani, Nobuyuki Katagiri, Hirotoishi Hayashi	
36	16年度	Filtration Behaviors in Ultra- and Microfiltration of Fine Particle/Macromolecule Mixtures	The 10th Asian Pacific Confederation of Chemical Engineering Congress, Kitakyushu (Japan), October (2004)	Yasuhito Mukai, Eiji Iritani	若
37	16年度	Filtration Properties of Amino Acid Crystals Produced by Anti-Solvent Crystallization	The 10th Asian Pacific Confederation of Chemical Engineering Congress, Kitakyushu (Japan), October (2004)	Yasuhito Mukai, Yosuke Tsuchiya, Eiji Iritani	若
38	16年度	Properties of Filter Cake Formed in Microfiltration of Dilute Latex Suspension	The 10th Asian Pacific Confederation of Chemical Engineering Congress, Kitakyushu (Japan), October (2004)	Masaya Furuta, Yasuhito Mukai, Eiji Iritani	若
39	16年度	Fouling Behaviors in Membrane Filtration of Mixtures of Cells and Protein	North American Membrane Society (2004)	E. Iritani, K. Ohmori	
40	16年度	Filtration and Consolidation Properties of Oil-in-Water Emulsions	The 9th World Filtration Congress, New Orleans, USA (2004)	Iritani, E., Y. Mukai, N. Katagiri, S. Matsumoto	
41	16年度	Electrokinetic Remediation of Consolidated Bentonite Cake Contaminated with Zinc Ion	The 9th World Filtration Congress, New Orleans, USA (2004)	Katagiri, N., K. Hayashi, E. Iritani	若
42	16年度	Effect of Addition of Bovine Serum Albumin on Ultrafiltration of Corynebacterium Glutamicum Slurry	The 9th World Filtration Congress, New Orleans, USA (2004)	Ohmori, K. and E. Iritani	若

No.	年度	発表テーマ名	学会名等	発表者名	備考
43	16年度	Prevention of Membrane Fouling by High-Efficient Microfiltration Accompanied with Cyclic Backwashing	The 9th World Filtration Congress, New Orleans, USA (2004)	M. S. Jami, E. Iritani, T. Ohn	

#### 安定化WG

No.	年度	発表テーマ名	学会名等	発表者名	備考
1	12年度	メタノールの酸化的水蒸気改質反応による燃料電池用新規水素製造法	International Symposium on Zeolites and Microporous Crystals (2000.8.8.) Sendai, JAPAN	ベル スプラマニ(財団)、鈴木憲司(名工研)	雇
2	13年度	Hydrometallurgical recovery of Heavy metals from ashes of automobile tire wastes	The 6th World Congress of Chemical Engineering Melbourne, Australia 23-27 September 2001	木下武彦	
3	16年度	Volatile organic compounds adsorption ability of hydrothermally solidifiedsewage sludge ash.	The 106th Annual Meeting & Exposition of The American Ceramic Society, Indianapolis (USA), April 21 (2004)	M. Oida, H. Maenami, M. Miura, N. Isu, E. H. Ishida,	
4	16年度	Chlorination Volatilization Process for Removing Heavy Metals from Inorganic Wastes	Global Symposium on Recycling, Waste Treatment and Clean Technology, Sep. 26-29, Madrid, Spain, (2004)	V. Montenegro, K. Saguchi, H. Sano, T. Fujisawa (名大)	若
5	16年度	Harmlessness Treatment by Stable Mineralization of Inorganic Waste Containing Harmful Components	Global Symposium on Recycling, Waste Treatment and Clean Technology, Sep. 26-29, Madrid, Spain, (2005)	H. Sano, M. Yamade, T. Fujisawa (名大)	若

#### 里山WG

No.	年度	発表テーマ名	学会名等	発表者名	備考
1	13年度	Measurement method for 3-dimensional structure of forest canopies with the Laser Plane Range-finding method:Improvement of system to distinguish foliage from branches.	The second International Workshop on Advanced Flux Network and Flux Evaluation(Jeju, Korea), Jan. 2002	Tanaka and Park	雇
2	14年度	3d LAI measurement with an active hemispherical image	3rd International Canopy Conference.Cairns Australia, June, 2002.	Tanaka, T., Park, H., Hattori. S.	雇
3	14年度	Distinguishing foliage from branches in nondestructive measurements of the 3-dimensional structure of mountainous forest canopies.	IUFRO WS of Mountainous Forest.Vernon Canada, July-August, 2002	Tanaka, T., Park, H., Hattori. S.	雇
4	14年度	Development of composite made of recycle-wood、	Landscape Frontier International Symposium 2002, Kokura, Kitakyushu, Japan, 1-2 October, 2002.	KIKATA Youji, TAKASU Yasuo	雇
5	14年度	Roof garden samples、	Landscape Frontier International Symposium 2002, Kokura, Kitakyushu, Japan, 1-2 October, 2002.	KIKATA Chiharu, KIKATA Youji, TAKASU Yasuo	若

No.	年度	発表テーマ名	学会名等	発表者名	備考
6	14年度	Characteristics of forest canopy texture as a landscape element (I) - The effect of texture on landscape and its dependance on positions of view point -	Landscape Frontier International Symposium 2002, Kokura, Kitakyushu, Japan, 1-2 October, 2002.	TOKODAI Kazuhiro, TANAKA Takafumi, PARK Hotaek, HATTORI Shigeaki	雇
7	14年度	Characteristics of forest canopy texture as a landscape element (II) - Relationship between canopy texture and 3 dimensional canopy structure -	Landscape Frontier International Symposium 2002, Kokura, Kitakyushu, Japan, 1-2 October, 2002.	TANAKA Takafumi, TOKODAI Kazuhiro, PARK Hotaek, HATTORI Shigeaki	雇
8	16年度	Estimate CO2, Non-CO2 GHGs and Other Gas pollutant Emissions of Indonesia's Urea Fertilizer Factories,	U.S. EPA Emission Inventory Conference to be held in Clearwater Beach, Florida, June 7 - 10, 2004,	Edi Munawar, Michio Ubaura, Naohiro Goto, Koichi Fujie,	

#### シミュレーションWG

No.	年度	発表テーマ名	学会名等	発表者名	備考
1	12年度	Distribution of waste utilization faculty for regional zero-emission	LUCC, Tokyo, 2001.12	Tomohiro TABATA, Naohiro GOTO, Koichi FUJIE, Tomotaka Usui	若
2	13年度	A system to optimize regional material and energy flow for designing recycling society	The Science and Culture of Industrial Ecology, 2001	Naohiro GOTO, Tomotaka Usui, Fujie Koichi,	雇
3	13年度	A Method to Evaluate Regional Material Flow for Designing Recycling Society,	Ecodesign, 2001	Koichi FUJIE, Naohiro GOTO, Tomotaka USUI	雇 優秀論文賞
4	13年度	Optimization of Industrial Waste Transportation by Considering Spatial Distribution	IWA World Water Congress 2002	Tomohiro TABATA, Naohiro GOTO, Koichi FUJIE	若
5	13年度	Proper Extent of Recycling Based Society from Viewpoint of Material Energy Flow	Conference on Sustainable Development of Energy, Water and Environment Systems, Croatia, 2002.6	Naohiro GOTO., Tomohiro TABATA, Koichi FUJIE, Tomotaka Usui	
6	15年度	Material Flow Analysis in Yaku Island	International Society of Industrial Ecology 4th Conference, Ann Arbor: USA 2003.7	Shin-ya Urano, Naohiro Goto, Koichi Fujie	若