




The 10th Asian DME Conference Program(2017)

Tuesday, October 24th, 2017			
17:00~18:30	Registration (Front of 19F in Courtyard Marriott Seoul Namdaemun)		
18:30~20:30	Welcome Reception (Outdoor Terrace (19F) in Courtyard Marriott Seoul Namdaemun)		
Wednesday, October 25th, 2017			
08:30~09:00	Registration (Front of Conference Hall A in KCCI)		
09:00~09:05	Welcome Address : Jung-sun Oh, Korea DME Association		
	Keynote Speech : KDA, CDA, JDA Chairperson : Yongseung Yun		
09:05~09:20	Past, Present, and Future of DME in Korea	Korea	Yongseung Yun Korea DME Association
09:20~09:50	DME Activities in China and Control Strategy for DME Vehicular Engine Emissions	China	Xinqi Qiao China DME Association
09:50~10:20	Energy System of DME Produced from Brown Coal Derived Gas and Renewable Hydrogen	Japan	Yotaro OHNO Japan DME Association
10:20~10:50	DME Global Commercial Outlook	Malaysia	Connie Lo Nexant
10:50~11:00	Coffee Break		
	Session 1 : TECHNOLOGY AND PROJECT STATUS Chairpersons : Yotaro OHNO/ Yongseung Yun		
11:00~11:20	Various Process Design for DME production by KOGAS' one-step process	Korea	Taekyong Song KOGAS
11:20~11:40	Introduction of DME Project in the Republic of Trinidad and Tobago	Trinidad and Japan	Anderson Ramlochan NGC Kerry Rampersad CGCL Toshikazu Kishi MGC
11:40~12:00	Development Status of Petroleum Alternative Fuels including DME in Korea	Korea	Jae-Kon Kim K-Petro
12:00~12:20	Development of DME Vehicle and Fuel Supply System	Korea	Jin-Young Jang KIER
12:20~12:40	Introduction of DME Business in a Small Business Sector	Korea	Wonjun Cho Bio Friends Inc.
12:40~14:00	Lunch		
	Session 2 : DME APPRECIATIONS Chairpersons : Ocktaeck Lim/ Wugao Zhang		
14:00~14:20	Study on Combustion and Performance of DME-Methanol Engine	China	Wugao Zhang Shanghai Jiaotong Univ.
14:20~14:40	An investigation on the DME HCCI auto ignition under EGR and boosted operation	Korea	Ocktaeck Lim Ulsan Univ.

14:40~15:00	Analysis of pump performance with measurement of pressure in a DME high pressure pump	Korea	Jaewoo Chung KATECH
15:00~15:20	Effects of Boundary Condition on Combustion of Biodiesel-DME Engine	China	Yu Liu Shanghai Jiaotong Univ.
15:20~15:40	Coffee Break		
	Session 3 : SYNTHESIS Chairpersons : Wonjun Cho/ Kaoru TAKEISHI		
15:40~16:00	Direct DME synthesis catalysts prepared by using the sol-gel method and their pretreatments	Japan	Kaoru TAKEISHI Shizuoka Univ.
16:00~16:20	A Study on the reaction optimization of syngas(CO, H ₂) synthesis for the utilization of CO ₂ and CH ₄ from bio-gas	Korea	Gyu-in Yeom Suwon Univ.
16:20~16:40	Recarbon Korea's CO ₂ Management Solution	Korea	Bong Jae Jang Recarbon Korea
16:40~17:00	Economic analysis of DME fuel	Korea	Jiwoon Ahn KEEI
18:00~21:00	Gala Dinner (Dinner Cruise (Buffet) in Han River)		
Thursday, October 26th, 2017			
09:30~11:30	Technical Tour (KOGAS DME Demo Plant in Incheon)		
11:30~13:00	Lunch		
13:00	Closing		

* Notice : Technical tour will be canceled if minimum 10 persons do not sign up.

* Poster session(Wednesday, October 25th) :

- The study on influence of CO₂ enrichment for plant growth environment using exhaust gas from DME burner, **Hyejin Yu**, Bio Friends Inc.
- Development of Ultra-high-purity H₂S Removal Technology, **Seung-Jong Lee**, Institute for Advanced Engineering