

The 17th Kuwait-Japan Joint Symposium
Advancement in Petroleum Industries
Petroleum Research Center
February 2-3, 2016

Technical Program

Tuesday 2/2/2016	
9:00-9:45 AM	Opening Addresses Mr. Ahmad S. Al-Jemaz, Deputy CEO, Mina Abdullah Refinery, Kuwait National Petroleum Company Mr. Takashi Ashiki, H.E. the Ambassador of Japan to the State of Kuwait Mr. Eiji Hiraoka, Senior Executive Director, Japan Cooperation Center, Petroleum Dr. Wataru Ueda, President, The Japan Petroleum Institute Dr. Abdulhameed Al-Hashem, A/Director General, Kuwait Institute for Scientific Research
9:45-10:30	Keynote Lecture Advancement in the process technology for production of high quality diesel fuel A. Marafi, Kuwait Institute for Scientific Research, Kuwait
10:30-11:00	Coffee Break
11:00-12:00	Session 1: Oxidative Conversion Processes Chairperson: Dr. Hassan Al-Rabiah, KISR
11:00-11:30	Presentation 1: Evolution of Complex Metal Oxide Catalysts for Oxidative Conversion of Light Hydrocarbons Wataru Ueda, Kanagawa University, Japan
11:30-12:00	Presentation 2: Oxidation of Refractory Sulfur Compounds in Model Fuel with Cumene Hydroperoxide on MoO ₃ /Al ₂ O ₃ Muhieddine A. Safa, Xiaoliang Ma, Kuwait Institute for Scientific Research, Kuwait
12:00-12:30	Prayer
12:30-1:30	Session 2: Advancements in Hydroprocessing Chairperson: Mr. Faisal Al-Qattan, KNPC
12:30-1:00	Presentation 3: Artificial Neural Network Model for Pilot Plant Gas Oil Desulfurization Process H. Albazzaz, A. Marafi, E. Kam, Kuwait Institute for Scientific Research, Kuwait
1:00-1:30	Presentation 4: Effect of Aromatic Oil Addition on Deactivation of Resid Hydro-desulfurization Catalyst Yoshihisa Urabe ¹ , Keisuke Miyake ¹ , Masato Morita ¹ , Ryuichiro Iwamoto ¹ , Ryuzo Tanaka ² ¹ Idemitsu Kosan Co.,Ltd., Technology & Energy Center, Japan ² Japan Petroleum Energy Center, Advanced Technology & Research Institute, Japan
1:30	Lunch

Wednesday 3/2/2016

9:00-10:30 AM	Session: 3 Catalyst and Process Development Chairperson: Prof. Wataru Ueda, Kanagawa University, Japan
9:00-9:30	Presentation 5: Effect of Zeolite Species, Hierarchical Composite of Zeolites and Designed Profile of Reaction Temperature on the Hydrocarbon Type in FCC Reaction for Manufacturing High-Octane Gasoline or Co-Production of BTX Chemicals Toshio Tsutsui, Yasuhiro Ueda, Kagoshima University, Japan
9:30-10:00	Presentation 6: Comparison of the Initial Activity Testing of Regenerated Hydrotreating Catalysts in Process Narjes Abul, Kuwait Institute for Scientific Research, Kuwait
10:00-10:30	Presentation 7: Effect of sol-gel preparation method on the alumina support, its characterization and supported hydrotreating catalysts Sakeena H. AlSairafi ¹ , N. AlNajdi ¹ , H. Al Sheeha ¹ , Y. Al-Hunayyan ² , M. Y. Ahmad Hassan ² , Mohan S. Rana ¹ , ¹ Kuwait Institute for Scientific Research, Kuwait, ² The Public Authority for Applied Education and Training, Kuwait
10:30-11:00	Coffee Break
11:00-11:50	Visit to Pilot Plant and Distillation Facilities
11:50-12:20	Prayer
12:20-1:50	Session 4: Refinery Corrosion Chairperson: Dr. K. Ravindranath, KISR
12:20-12:50	Presentation 8: Assessment of Stainless Steel Plugs in Compressor Overhead Faisal M. Salman, Md. Moyeenuddin, R. Radhakrishnan, Bader Al-Harbi, Kuwait National Petroleum Company
12:50-1:20	Presentation 9: Preventing Fouling in the Heat Exchangers of Catalytic Reforming Units Shun Kubota, JX Nippon Oil & Energy Corporation, Japan
1:20-1:50	Presentation 10: Reliability Challenges in Operating Plants Abdullah Al-Haddad, Sunil Kumar Birla, Kuwait National Petroleum Company
1:50	Closing Remarks
2:00	Lunch