

# The 11th Kuwait-Japan Joint Symposium

## —Corrosion and Material Behavior in Petroleum Refining Industry—

JCCP, Kuwait Institute of Scientific Research (KISR) and Kuwait National Petroleum Company (KNPC) jointly sponsored the 11th Kuwait-Japan Joint Symposium on “Corrosion and Material Behavior in Petroleum Refining Industry,” on January 19 and 20, 2010, at KISR’s Petroleum Research and Studies Center (PRSC).

The symposium is implemented on commission by the Japan Petroleum Institute (JPI), and was held for the first time in fiscal 1993. It has been held basically every other year after that, but from fiscal 2005, it has



*Dr. Yasuyoshi Tomoe delivering a presentation  
(Jan. 20, 2010)*

taken root as an annual technical symposium in Kuwait. Three themes relating to oil refining technologies have been taken up in order each year: heavy oil processing technologies, clean fuel production technologies, and corrosion and material behavior.

This year’s symposium opened with words of greeting from Dr. Mohammad J. Salman, Deputy Director General for Research Affairs, KISR; Mr. Mohammad Ghazi Al-Mutairi, Deputy Managing Director, Mina Abdulla Refinery; and Dr. Shukuji Asakura, Professor Emeritus at Yokohama National University. Roughly 50 researchers and refinery engineers from Japan and Kuwait attended the symposium, which featured presentations and active discussions. The Japanese side gave eight presentations. On the Kuwaiti side, KISR and KNPC delivered ten presentations on issues such as trouble cases in refineries and their countermeasures.

On February 21, the day after the two-day seminar, the Japanese members visited the Mina Abdulla Refinery, where they were introduced to the activities of the refinery’s corrosion inspection division and toured the refining facilities.

Five researchers and engineers participated in the symposium as speakers, as shown in the table,

and gave presentations on the results of studies in their respective areas, as well as cases they have experienced in the field and their countermeasures.

Mr. Shigeru Hojo from JPI and K. Okumura from JCCP provided their cooperation as members of the symposium secretariat.

<by Kazuhisa Okumura, Technical Cooperation Dept.>

Speakers	Affiliation	Presentation Title
Dr. Shukuji Asakura	Professor Emeritus, Yokohama National University Graduate School of Engineering (head of the Japanese group)	Electrochemical Monitoring of Metallic Corrosion by Square Wave Method Anti-corrosion Cement Accompanying the Function of Cathodic Protection
Dr. Tadao Ishihara	Venture Academia Co., Ltd.	CF/SCC Interaction of Low Alloy Steel and Stainless Steel in High Temperature Water
Dr. Yasuyoshi Tomoe	INPEX Corporation	Corrosion and Corrosion Control in Oil and Gas Production
Mr. Hiroyuki Anada	Sumitomo Metal Industries, Ltd.	Polythionic Acid Stress Corrosion Cracking Behavior of 347AP and its Performance in Hydrocracker and Hydrotreater The Effect of Stabilizing Period on Sensitization and Polythionic Acid Stress Corrosion Cracking
Mr. Kazunobu Onishi	Nippon Oil Corporation	Corrosion Control in the Overhead System of Atmospheric Crude Distillation Units Guidebook of Corrosion Control Technologies for Facilities in Refinery



Local newspaper article on the symposium