

TR-2-14

## Advanced Control Technologies in the Oil Downstream

April 7 – April 24, 2014

Lecturer: Kazuhiro Suzuki

Content: Petroleum Industry in Japan; Outline of Information and Control Systems in Japan; PID Tuning Methods; Process Control Practice with Distributed Control System (DCS); Latest DCS and Instrumentation; Safety Instrumented System; Engineering Practice on DCS; Advanced Process Control; Process Optimization; Fieldbus Engineering; Modernization of Instrumentation

Site visits: Yokogawa Electric Corporation (Mitaka Headquarters); Azbil Corporation (Shonan Factory); Idemitsu Kosan Co., Ltd. (Aichi Refinery); Emerson Japan, Ltd. (Mizushima Solution Center)

Countries: Indonesia, Iraq, Kazakhstan, Kuwait, Libya, Myanmar, Nigeria, Pakistan, Saudi Arabia, Thailand, Uzbekistan, Vietnam



<12 countries / 17 participants>