

COE-INES Indonesia International Symposium –The Prospect of Nuclear Energy in Indonesia– 参加報告

期 日: 平成 17 年 3 月 1 日 ~ 6 日

出張者: 原子核工学専攻博士後期課程 1 年 Sidik Permana

出張先: バンドウン(Grand Aquila Hotel)、インドネシア

Activities:

There are 2 programs on this Indonesian international symposium generally.

1. Presentation program and Panel Discussion

All programs have been successfully delivered which was opened by ITB's rector Prof. Djoko Santoso, and to celebrate the programs, the banquet as a party at first day's program was made. This program including plenary sessions I, II, III and parallel session. On the plenary session, there are many invited speeches and expertise attended on this symposium from Indonesia and Japan. From Indonesian side are Dr. Sedyartomo Soentono (BATAN), Dr. Azhar Djaloelis (BAPETEN), Dr. Hudi Hastowo (BATAN), Dr. Asnatio Lasman (BAPETEN), Dr. Bakrie Arbie (BATAN), and Dr. Zaki Su'ud (ITB). And from Japanese side are Prof. Hiroshi. Sekimoto (Tokyo Tech), Dr. Mukaiyama (JAIF), Dr. Takehiko Mukaiyama (JAIF), Prof. Yoshio Yoshizawa (Tokyo Tech), Dr. Liem Peng Hong(Tokyo Tech)、 Prof. Naoki Yamano (Tokyo Tech)、 Prof. T. Obara(Tokyo Tech)、 Dr. Hiroaki Tsutsui(Tokyo Tech)。 The parallel session also has been presented with about 30 participants attended who were divided into 6 nuclear reactor fields. Those fields are 1. Reactor Design Study I including HTR, PWR, CANDLE, Small Sized Reactor Supercritical Water Reactor, 2. Nuclear Materials, Thermal Hydraulic, Innovative Energy System (Pb-Bi coolant, Boiling Transient Simulation, Fuel Cell) , 3. Reactor Design Study II Including LWR, ADS and HTR, 4. Non-proliferation, Reactor Design Study III(Pb-Bi Cooled Reactor), 5. Reactor Design Study IV (LWR), 6. Reactor physics analysis and Reactor Design Study V including Heavy water reactor and Molten Salt Reactor.

All participants join with last session after presentation program, it was panel discussion. The panel discussion invited 4 panelists to deliver they thought about attractiveness people to nuclear and about job, education and future opportunities for all

scientists and engineering on nuclear field especially in Indonesia. The panelists are Prof. Hiroshi Sekimoto, Mr. Yos Subkhi, Mr. Peryoga Yoga (Tokyo Tech student) and Topan Setia Dipura (ITB Student).



Photo together all participants



Panelist of panel discussion

2. Visiting tour as additional program

On this program, it was great pleasure especially for Japanese's participants who had been invited to look at the BATAN Bandung reactor facilities. This reactor facility was made as experimental facilities which were designed as TRIGAMARK 2000. And also we have opportunities to met and discuss with ITB's rector.



Visiting tour in BATAN



Banquet at first night march 2, 2005

Own Presentation report

On this symposium, as a participant we presented the investigation research in parallel session program, its depending on the research field. My research field be included as reactor physics analysis, reactor design study V including heavy water reactor and molten. The title of presentation is study on characteristics for different moderation ratios of heavy water coolant with different reactor types in equilibrium states.



My presentation session



Panel discussion participants