Agenda of 1st Asia-Pacific Young Practioners' PRA Forum

**Tuesday, 3nd November 2015**

Room B201, Opening 08:30 ~ 08:40 Chair: Wu Jie

Room B201, Section 1 Chair: Akira Yamaguchi

08:40 ~ 09:10 Keynote: Woody Epstein (Curtiss-Wright), *Title to be decided*

09:10 ~ 09:40 Keynote: Wu Jie (Institute of Nuclear Energy Safety Technology, CAS·FDS Team), *Progress and Prospect of Risk-informed Methodology*

09:40 ~ 10:10 Visiting Nuclear and Radiation Safety Simulation Laboratory & Coffee Break

10:10 ~ 10:30 Oral: (Nuclear and radiation safety center, Ministry of Environmental Protection of China), *Title to be decided*

10:30 ~ 11:30 Visiting Liquid Heavy Metal Loop and Material Technology Laboratory

Room B201, Section 2 Chair: Tsu-Mu Kao

14:00 ~ 14:20 Oral: (Tsinghua University), *Title to be decided*

14:20 ~ 14:40 Oral: Al Momani Belal (Korea Advanced Institute of Science and Technology), *Development of Risk Assessment Procedure of Interim Dry Storage Facility Subjected to an Aircraft Crash Scenario*

14:40 ~ 15:00 Oral: Feng Bincheng (Suzhou Nuclear Power Research Institute), *Risk Analysis Method of External Disasters in Nuclear Power Plant*

15:00 ~ 15:20 Oral: Robby (Korea Advanced Institute of Science and Technology), *Probabilistic Risk Assessment of Spent Nuclear Fuel Transportation in South Korea*

15:20 ~ 15:40 Coffee Break

15:40 ~ 16:00 Oral: Cao Yong (China National Nuclear Corporation) , *Title to be decided*

16:00 ~ 16:20 Oral: Ham, Jaehyun (Korea Advanced Institute of Science and Technology), *A study on the CFVS operation method considering the risk from the containment overpressure failure*

16:20 ~ 16:40 Oral: Wang Jinkai (China Nuclear Power Design Co., Ltd.) , *A Seismic PSA Quantification Method Used in a NPP*

16:40 ~ 17:00 Oral: WANG Jiaqun (Institute of Nuclear Energy Safety Technology, CAS·FDS Team), *Reliability and Probabilistic Safety Assessment of Advanced Nuclear Energy System*

**Wednesday, 4th November 2015**

Room B201, Section 3 Chair: Wu Jie

08:30 ~ 09:00 Keynote: Akira Yamaguchi (University of Tokyo), *Title to be decided*

09:00 ~ 09:30 Keynote: Tsu-Mu Kao (Institute of Nuclear Energy Research, Taiwan), *Title to be decided*

09:30 ~ 10:00 Coffee Break

10:00 ~ 10:20 Oral: Chen Shanqi (Institute of Nuclear Energy Safety Technology, CAS·FDS Team), *Development of Reliability and Probabilistic Safety Assessment Software System RiskA*

10:20 ~ 10:40 Oral: Kim, Hee Eun (Korea Advanced Institute of Science and Technology), *A Method to Select Software Test Cases for Software Failure Probability Quantification*

10:40 ~ 11:00 Oral: Zou Yanhua (Hunan Institute of Technology), *Reliability Forecasting for Operators’ Situation Assessment in Digital Nuclear Power Plant Main Control Room Based on Dynamic Network Model*

11:00 ~ 11:20 Oral: Sang Hun Lee (Korea Advanced Institute of Science and Technology)*, Reliability Assessment of Safety-critical Network Communication in Digitalized Nuclear Power Plant*

Room B201, Section 4 Chair: Woody Epstein

14:00 ~ 14:20 Oral: (State Power Investment Corporation) , *Title to be decided*

14:20 ~ 14:40 Oral: Kim/Jihee (Korea Advanced Institute of Science and Technology), *A Study of the Additional RCS Depressurization Method for the IPSS-OPR1000 Operation*

14:40 ~ 15:00 Oral: Olaniyi Abraham Oluseun (Intecon Partnership Ltd.), *Significance of Structural Integrity Assessment in the Sustenance of Industrial Infrastructural Development*

15:00 ~ 15:20 Oral: Liu Kunxiu (China Nuclear Power Engineering Co., Ltd.), *The Human Reliability Analysis in Probability Safety Assessment*

15:20 ~ 15:40 Coffee Break

15:40 ~ 16:00 Oral: Jeon, Inseop (Korea Advanced Institute of Science and Technology), *Development operation strategy of Hybrid Injection Tank System with active system*

16:00 ~ 16:40 Discussion: All

Room B201, Closing 16:40 ~ 17:00 Chair: Wu Jie