

# CNS\_RETH – KSFM\_NuTF Joint Seminar

November 29, 2023

201A Jeju International Convention Center (ICC), Korea

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## Agenda

### November 29 (Wednesday)

13:00-13:10 Welcome Address (by H.S. Park & H.J. Gong, at [Jeju ICC 201A](#))

### Session 1 (Chair: Prof. W. Tian)

- 13:10-13:40 Experimental study on the influence of external reactor vessel cooling parameters on critical heat flux (Zhen ZHANG, NPIC)
- 13:40-14:10 APR1400 RCP Performance Test (Seok Cho, Korea Atomic Energy Research Institute)
- 14:10-14:40 Evaluation of the performance of hydraulic model on the rotordynamics of RCP (Junlian YIN, Shanghai Jiao Tong University)
- 14:40-15:10 Analysis Methodology of secondary side operational flexibility of nuclear power heat (Jeongjin Bang, Future and Challenge (corporation))

15:10-15:30 Break

### Session 2 (Chair: Dr. D.J. Euh)

- 15:30-16:00 Development progress of steam generator three dimension thermal hydraulic code STAF at XJTU (Mingjun WANG, Xi'an Jiaotong University)
- 16:00-16:30 Development of Supercritical CO<sub>2</sub> Power Cycle for Waste Heat Recovery (Jaeeun Cha Korea Atomic Energy Research Institute)
- 16:30-17:00 Investigation and application of the passive containment heat removal technology for the 3rd generation PWRs (Ming DING, Harbin Engineering University)
- 17:00-17:30 Performance Evaluation Methodology of Nuclear Reactor Safety Grade Heat Exchangers (Yeonjun, Choo, Future and Challenge (corporation))

18:00- Dinner