

NURETH-17: Invited Panel Session

- Date : Sept. 5 (Tuesday), 2017, *Morning (09:30-12:00)*
- Theme : Reliability of Passive Systems
- Organizers : Prof. Francesco D’Auria (UNIFI) and Dr. Chul-Hwa Song (KAERI)
- Panelists : *TBD*

- ◆ *Designer or safety analysis specialist on advanced reactors*
- ◆ *Performance test specialist in laboratories or plant sites*
- ◆ *PSA specialist on evaluating the reliability of relevant systems or components*
- ◆ *Licensing specialists from regulatory body*

- How to Operate:

The panel session will open with the session chair introducing the motivation for organizing this event. The panel will consist of a presentation by each speaker, followed by open questions on the presentations from audience members, and lastly prepared questions that the session chair will bring to drive the conversation through the remainder of the allotted time.

It is expected that each panel member will provide a *15 minute* presentation (about 5-10 pages of slides) that provides context to their respective area of expertise, focusing on, but not limited to, the following subjects:

- ◆ Thermal-hydraulic phenomena and its modelling
- ◆ Design and its performance analysis of passive systems or components
- ◆ Code V&V and safety analysis of relevant systems or components
- ◆ Performance tests in laboratory- and plant-scales, including commissioning tests
- ◆ Reliability analysis of relevant systems or components by PSA approach
- ◆ Licensing experience on relevant systems or components

- Inquiries:

To be directed to Prof. Francesco D’Auria (f.dauria@ing.unipi.it) or Dr. Chul-Hwa Song (chsong@kaeri.re.kr), the co-organizers of this panel session, for any questions on the panel session.