

AGENDA

OECD/NEA First Workshop on preservation of Thermal-Hydraulics experimental data (TH-1)

Host Organization

Global Research for Safety (GRS)

June 24, 2019

GRS

Boltzmannstrasse 14

85748 Garching bei Muenchen

Monday, June 24, 2019

08:30 Registration

Opening Plenary Session of Rostov2-1 and TH-1 workshops - Room N001

Chair: K. Velkov

09:00 – 09:15 Welcome and opening remarks from GRS - U. Stoll

09:15 – 09:30 Introductory remarks to OECD/NEA benchmark workshops – S. Tsuda

09:30 - 09:45 Overview and status of OECD/NEA EGMPEBV activities – K. Ivanov. T. Valentine

09:45 – 09:55 Overview and status of OECD/NEA EGCTH activities – U. Rohatgi

09:55 - 10:10 Overview and status of the OECD/NEA Rostov2 benchmark activities – M. Avramova

10:10 - 10:20 Introduction to the OECD/NEA TH workshops – A. Petruzzi

10:20 – 10:30 BEPU2020 conference and next year NSC/NEA Workshops – A. Petruzzi

10:30 – 10:45 Coffee Break

Session 1 Chair – A. Petruzzi Room D112a (all remaining sessions of TH-1 workshop will be in this room)

10:45 - 11:15 Overview of OECD CCVM and current activities in OECD/NEA (TIETHYS Database) – U. Rohatgi

11:15 - 11:45 KIT Experimental Facilities for Reactor Safety – M. García

11:45 - 12:00 Discussion on international and national collaborative activities in experimental area

12:00 – 13:30 Lunch - Max Planck canteen

Session 2 Chair – U. Rohatgi

- 13:30 – 14:00 Applying machine learning and statistical methods to thermal hydraulic CHF data – R. Mukin
- 14:00 – 14:30 Thermal and hydraulic studies for validation of subchannel codes carried out in NRC “Kurchatov institute” – D. Oleksyuk
- 14:30 – 15:00 Standardized Consolidated Calculated and Reference Experimental Database (SCCRED): a supporting tool for V&V and uncertainty evaluation of best-estimate system codes for licensing applications – A. Petruzzi

15:00 – 15:30 Coffee Break

Session 3 Chair – R. Mukin

- 15:30 – 16:15 Proposal for a Joint Project to for Systematically documenting the Experimental Data-Base of TIETHYS – A. Petruzzi
- Requirements for developing a modern experimental database from Code developers and V&V perspectives
 - Develop guidelines for documentation for new tests
- 16:15 – 16:45 Validation of the AC2 Modules AHTLET and ATHLET-CD – T. Hollands
- 16:45 – 17:00 Action items, next workshop, and plans. Conclusions and closing remarks – A. Petruzzi