



EXHIBITION AND SPONSORING OFFERS SWINTH-2024

Co-organized by:

OECD/NEA CSNI/WGAMA

Organisation for Economic Co-operation and Development / Nuclear Energy Agency – Committee for the Safety of Nuclear Installations / Working Group on the Analysis and Management of Accidents

SILENCE Network

Significant Light & Heavy Water Reactor Thermal-Hydraulic Experiments Network for the Consistent Exploitation of the Data

Local hosting and organization by: Helmholtz-Zentrum Dresden-Rossendorf (HZDR)



Background, Scope and Objectives of the Workshop

The Specialist Workshop on Advanced Instrumentation and Measurement Techniques for Nuclear Reactor Thermal-Hydraulics and Severe Accidents 2024 (SWINTH-2024), which will take place from June 17 to 20, 2024 in Dresden, Germany. The Workshop is meant to create an opportunity for scientists and technologists to discuss recent achievements and future needs in the development and application of advanced measurement instrumentation and techniques for thermal-hydraulics (TH) and severe accident (SA) research, and for accident management (AM) to provide data related to progression of an accident including long-term management of an accident. The scope of the workshop includes the following topics and aspects:

- experimental studies and instrumentation for water-cooled nuclear reactor accident phenomena: defense-in-depth level one through four;
- specific instrumentation for reactor circuit and containment used for normal operation, accidental sequences and SA management;
- experimental studies with instrumentation for advanced and innovative reactors (SMR, GEN-IV) including those beyond water-cooled reactor designs;
- scale and complexity of experiments and phenomena: from basic through separate and integral effect tests to investigate any phenomena of postulated accidents;
- purpose of the experiments: understanding of phenomena and processes for an accident and its analysis; support to model development, code validation, safety assessment and safety demonstration;
- innovations in the measurement of local and/or space-averaged instantaneous and/or time averaged quantities of single-phase and/or multi-phase/multi-component flows with sufficiently fine resolution and uncertainty quantification;
- use of simulant fluids with well-established scaling laws;
- applicability of experiments and instrumentation to validation and development of different types of computer code (i.e., system TH, sub-channel analysis, CFD, containment TH, and SA);
- gaps between current model/code validation needs and existing technology; definition of requirements for new experiments and instrumentation in terms of “quality” of data;
- measurement uncertainty evaluation depending on type of instruments and measurement method with possible influences of TH and/or SA phenomena to simulate;
- use of machine learning (ML) and artificial intelligence (AI) methods for data analyses;
- issues related to the utilization, handling and preservation of experimental data;
- specifically concerning instruments for SA-related experiments: major challenges and solutions, improvements and advancements, being proposed, under development and/or already in use, including those in the light of lessons-learned from Fukushima-Daiichi accident and it's recovery/decommissioning.

Workshop Overview

Date	June 17 – 20, 2024	
Venue	Hotel Elbflorenz Rosenstraße 36, 01067 Dresden, Germany https://www.hotel-elbflorenz.de/en	
Nb. of participants	80 (expected)	
Chairs - General Chair	Uwe Hampel, Helmholtz-Zentrum Dresden-Rossendorf, Germany	
Deputy Chair TH	Klaus Umminger, SILENCE	
Deputy Chair SA	Sanjeev Gupta, Becker Technologies, Germany	
Honorary Chair	Francesco D'Auria, University of Pisa, Italy	
Web	www.swinth2024.org	

Sponsorship & Exhibition Opportunities

All amounts are indicated as net prices and will be invoiced with an additional 19% VAT.

Badge Lanyards

500 EUR

Sponsors may provide the lanyards for the delegate name badges which will be distributed to each participant upon arrival at the venue. The sponsor provides its own lanyards which must be delivered to the venue in the requested quantity (~ 320). The lanyard layout must be approved by the meeting secretariat in advance.

Note pads and pens

500 EUR

Sponsors may provide note pads and pens which will be distributed to each registered delegate upon arrival at the venue. The sponsor provides its own note pads and pens which must be delivered to the venue in the requested quantity (~ 300), in due time.

Email Blast

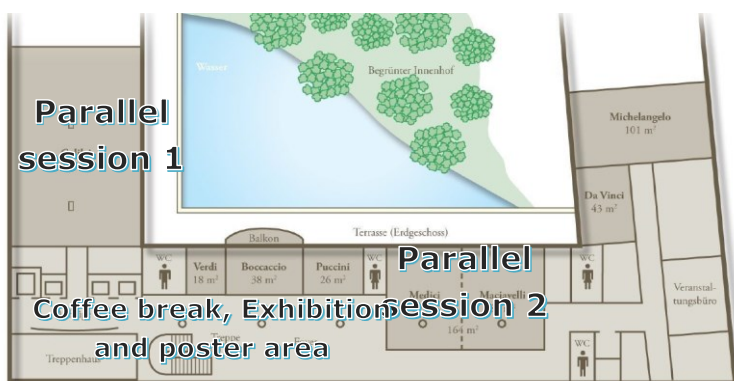
500 EUR

Sponsors may create individual announcements for services / products, specific sessions, exhibition booths etc. and have it sent to all registered delegates, who agreed to receiving such messages, by the meeting secretariat. The mailing date is agreed upon by the sponsor and the meeting secretariat. The sponsor provides the mailing content, which is subject to approval by the meeting secretariat, in a ready-to-send html format at least one week before the mailing.

Space only Booth (6m²=3x2 m)

2.500 EUR

The **exhibition area** is located by the delegate's main traffic route to the parallel session rooms as well as poster exhibition. In addition, catering stations will be hosted in the exhibition area to ensure a constant frequentation at the booths.



Space only booth packages include:

- Exhibition space in booked size, equipped with:
- Electricity (3 kW) with one junction box
- General cleaning of exhibition area
- Internet access (as part of the free WiFi network available in the venue)
- 1 Complimentary registration

Exhibition Schedule (*preliminary)

Set up *: Monday, June 17, 2024: 12:00 – 16:00 CEST

Exhibition opening times*:

Monday, June 17, 2024: 16:00 – 19:00 CEST

Tuesday, June 18, 2024: 08:30 – 19:00 CEST

Wednesday, June 19, 2024: 08:30 – 18:00 CEST

Thursday, June 20, 2024: 08:30 – 15:30 CEST

Dismantling*: Thursday, June 20, 2024: 15:30 – 19:00 CEST

Please send your bookings to info@swinth2024.org. We will prepare a contract for you.