



**OECD/NEA Working Group on the Analysis  
and Management of Accident (WGAMA)**

**CFD4NRS-10**

**The 10<sup>th</sup> Workshop on Computational Fluid  
Dynamics for Nuclear Reactor Safety Issues**

SPONSORSHIP PROSPECTUS

Jun 2025

# WELCOME TO CFD4NRS-10 !!



The Workshop of Computational Fluid Dynamics for Nuclear Reactor Safety is held first time in Japan as CFD4NRS-10 after the 9th workshop in Texas A&M, CFD4NRS-9 in USA, and is hosted in Mito City, a cozy town 100 km northeast of Tokyo, by Nuclear Safety Research Center, Japan Atomic Energy Agency (JAEA).

Since the inauguration of the CFD4NRS in 2006, a biennial CFD4NRS workshop series has been held as part of the activities of WGAMA<sup>1</sup>. CFD4NRS is one of the world's most comprehensive technical conferences focusing on the areas of computational fluid dynamics (CFD) and its applications to nuclear reactor safety.

The workshop is aimed at providing an international forum for engineers and researchers from various countries and organizations who are active in the CFD and nuclear reactor safety to discuss and exchange ideas for the solutions of technical problems, to be invited to participate in Benchmark exercises, while promoting collaborative work. The CFD4NRS series has been successful in keeping the meeting participants abreast of the most updated status of their fields and alerted to future challenges and opportunities by examining the present and likely future directions of the areas of endeavor. I take note here that a CFD4NRS tradition has thus been established and is perpetuated thanks to you all.

Thank you for attending this important workshop. I am quite certain that you will benefit from the attendance, along with great opportunities to CFD4NRS network with industry pioneers and leading researchers. I sincerely hope you enjoy the workshop.

General Chair, CFD4NRS-10

Hisashi Ninokata, Dr. Eng.

A handwritten signature in black ink, consisting of stylized characters that appear to be 'Hisashi Ninokata'.

Professor Emeritus, Tokyo Institute of Technology

Visiting Professor, Polytechnic University of Milan

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<sup>1</sup> The Working Group on the Analysis and Management of Accidents (WGAMA) addresses NEA activities related to potential design-basis and beyond design-basis accidents in nuclear reactors and related technologies. The WGAMA reports to the Committee on the Safety of Nuclear Installations (CSNI) and assists the Committee with its work.

# OUTLINE OF CFD4NRS

## CONTENTS

- ✧ Presentations on various topics  
Multiphase flow, Design and plant application, Computational methods, Experimental studies, Severe accident, Verification and validation, Conjugate heat transfer, Turbulence modeling, Multiphysics, Liquid metal, ...
- ✧ Technical tour (visit to nuclear facilities)
- ✧ Communication (lunch, tea ceremony, banquet, ...)

## HISTORY OF CFD4NRS

The workshop has been held every 2 years for about 20 years.

No	Year	City/Venue	Host Country
1 <sup>st</sup>	2006	Garching	Germany
2 <sup>nd</sup>	2008	Grenoble	France
3 <sup>rd</sup>	2010	Washington	USA
4 <sup>th</sup>	2012	Daejeon	Korea
5 <sup>th</sup>	2014	ETH	Switzerland
6 <sup>th</sup>	2016	MIT	USA
7 <sup>th</sup>	2018	SJTU	China
8 <sup>th</sup>	2020	Online	France
9 <sup>th</sup>	2023	TAMU	USA
10 <sup>th</sup>	2025	Mito/JAEA	Japan



CFD4NRS-9, 21 February 2023, Texas A&M University, TX, USA

# OVERVIEW OF CFD4NRS-10

## DATE

December 10-12, 2025

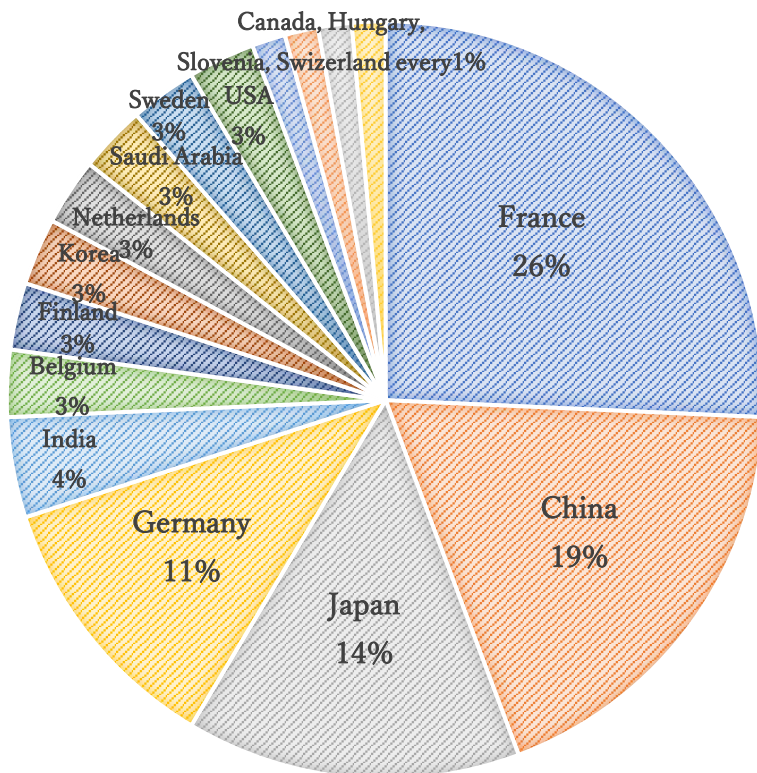
## VENUE

Mito City Civic Center and the Nuclear Science Research Institute of Japan Atomic Energy Agency, Ibaraki, Japan

## PROGRAM OVERVIEW

	December 10 Wednesday	December 11 Thursday	December 12 Friday
<b>Morning</b>	Opening/ Technical Session	Technical Session	Technical Session/Closing
<b>Afternoon</b>	Technical Session	Technical Session	Technical Tour
<b>Evening</b>	—	Banquet	—

## CONTRIBUTION STATUS-ABSTRACT RECEIVED (May 2025)



16 countries

70 presentations

66 people

including

20 students

# COMMITTEE

## General Chairs

Hisashi Ninokata, POLIMI, Tokyo Tech

Yasuteru Sibamoto, JAEA

## Organizing Committee Members

Martina Adorni, NEA

Stephan Kelm, FZJ

Pierre Ruyer, IRSN

Yohei Sato, PSI

Jan-Patrice Simoneau, EDF

Yoichi Utanohara, Komatsu Univ

Mingjun Wang, XJTU

Satoshi Abe, JAEA

## Scientific Committee Members

Noushin Amini, NRC

Henryk Anglart, KTH, WUT, SU

Emilio Baglietto, MIT

Stephen Bajorek, NRC

Yann Bartosiewicz, UCLouvain

Sofiane Benhamadouche, EDF

Guillaume Bois, CEA

Christopher Boyd, NRC

Yu-Shan (Sammy) Chin, CNL

Vincent Deledicque, Bel V

Wei Ding, HZDR

Kevin Fernandez-Cosials, UPM

Edo Frederix, NRG

Martin Freitag, Becker Technologies

Giovanni Giustini, UoM

Ari Hamdani, JAEA

Yassin Hassan, TAMU

Thomas Höhne, HZDR

Lilla Koloszar, VKI

Ed Komen, NRG

Boštjan Končar, JSI

Seiichi Koshizuka, UTokyo

Sergey Koudriakov, CEA

Dirk Lucas, HZDR

Ranieri Marinari, ENEA

Nicolas Méricoux, EDF

Elia Merzari, PSU

Stéphane Mimouni, EDF

Fabio Moretti, Newcleo

Julio Pacio, SCK CEN

Miltiadis Papalexandris, UCLouvain

Angel Papukchiev, GRS

Marco Pellegrini, POLIMI

Victor Petrov, PSI, ETHZ

Ferry Roelofs, NRG

Chul-Hwa Song, KAERI

Étienne Studer, CEA

Masaaki Tanaka, JAEA

Matej Tekavčič, JSI

Fulvio Terzuoli, NINE

Wenxi Tian, XJTU

Richard Underhill, FNC

Katrien Van Tichelen, SCK CEN

Ladislav Vyskočil, UJV Rez

Jinbiao Xiong, SJTU

Kevin Zwijsen, NRG

## Local Organizing Committee Members

Yuria Okagaki, JAEA

Akira Satou, JAEA

Shu Soma, JAEA

Masashi Sekine, NRA

Takeshi Takeda, JAEA

Yuki Wada, JAEA

## SPONSORSHIP PACKAGES AT A GLANCE

CFD4NRS-10 offers the following sponsorship packages:

Category	Gold	Silver	Bronze
Fee (in JPY, tax exemption)	¥500,000	¥300,000	¥100,000
Free workshop pass	2	1	—
Exhibition booth	1 table, large	1 table, small	—
Advertising in the workshop program book	1 page	1/2 page	—
Company logo on the sponsor page in the program book	○	○	○
Company logo and official website link on the workshop website	○	○	○
Including promotional materials in workshop bags or displaying them at the venue	○	○	○

- ◇ **Free workshop pass:** A pass allowing entry to all oral sessions, coffee breaks, lunch, and the banquet will be provided.
- ◇ **1 Exhibition Booth:** The booth includes one company nameplate, one table, and several panels (large: H2.0 m × W1.2 m, white; small: H1.8 m × W1.2 m, brown). For any additional equipment or booth layout arrangements, please consult with the workshop secretariat. Booth assignments will be determined by the workshop secretariat.
- ◇ **Advertising in the workshop program book:** The sponsor is requested to prepare advertising data (full color). Specifications for the data will be provided later.
- ◇ **Company logo on sponsor page in the program book:** Your company logo will be recognized as that of a Platinum Sponsor in the workshop program book.
- ◇ **Company logo and official website link on the workshop website:** Your company logo will be displayed as a sponsor on the CFD4NRS-10 workshop website, along with a link to your official website.
- ◇ **Including promotional materials in workshop bags or displaying them at the venue:** You will be asked to prepare the promotional materials and send them to the designated address before the workshop. The workshop secretariat will insert the materials and other related items into the workshop bags.

# PAYMENT AND APPLICATION

## HOW TO APPLY

Please fill in the Sponsorship application form on the following page and send it to the Secretariat Office of CFD4NRS-10 by e-mail.

E-mail: [info@cf4nrs-10.org](mailto:info@cf4nrs-10.org)

Application Deadline: September 30, 2025, 17:00 (JST)

## PAYMENT METHOD

An invoice will be issued from the Secretariat within 5 business days after receipt of the application form. All payment must be made in Japanese Yen.

\* All bank transfer charges (including intermediary bank and beneficiary bank's charges) must be covered by the remitter. In case the transfer charges have been deducted upon receipt of the sponsorship fee, you will be asked to remit the balance.

## CANCELLATION POLICY

Cancellation or changes to your original application must be submitted in writing to the workshop secretariat.

For cancellation made:

- After issuing the invoice until August 2, 2025: cancellation fee equal to 30% of the sponsorship fee
- After August 3, 2025: cancellation fee equal to 50% of the sponsorship fee
- After October 1, 2025: cancellation fee equal to 100% of the sponsorship fee

\* Remittance charge shall be deducted from the refund.

## CONTACT

CFD4NRS-10 Secretariat Office

E-mail: [info@cf4nrs-10.org](mailto:info@cf4nrs-10.org)

# APPLICATION FORM

## SPONSORSHIP APPLICATION FORM

Application Date: \_\_\_\_\_

Company/Organization<sup>1</sup> \_\_\_\_\_

Person in charge

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

E-mail address \_\_\_\_\_

Sponsorship Package<sup>2</sup>

Gold Sponsor ¥500,000

Silver Sponsor ¥300,000

Bronze Sponsor ¥100,000

Inquiries/requests \_\_\_\_\_

<sup>1</sup> Please enter the official name of your company.

<sup>2</sup> Tax exemption.

### Cancellation Policy:

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- After issuing the invoice until August 2, 2025: cancellation fee equal to 30% of the sponsorship fee
- After August 3, 2025: cancellation fee equal to 50% of the sponsorship fee
- After October 1, 2025: cancellation fee equal to 100% of the sponsorship fee

\* Remittance charge shall be deducted from the refund.

By signing and submitting this application form, you acknowledge that you have read and agreed to the Cancellation Policy and that you are applying for a Sponsorship Package for the CFD4NRS-10 workshop.

Signature \_\_\_\_\_

Date \_\_\_\_\_

**Please submit this application form to:**

CFD4NRS-10 Secretariat Office

E-mail: [info@cf4nrs-10.org](mailto:info@cf4nrs-10.org)

**Application Deadline: September 30, 2025, 17:00 (JST)**