



WRFPM2023

The 2023 Water Reactor Fuel Performance Meeting

Exhibition & Sponsorship

July 17-21, 2023 | Xi'an, China



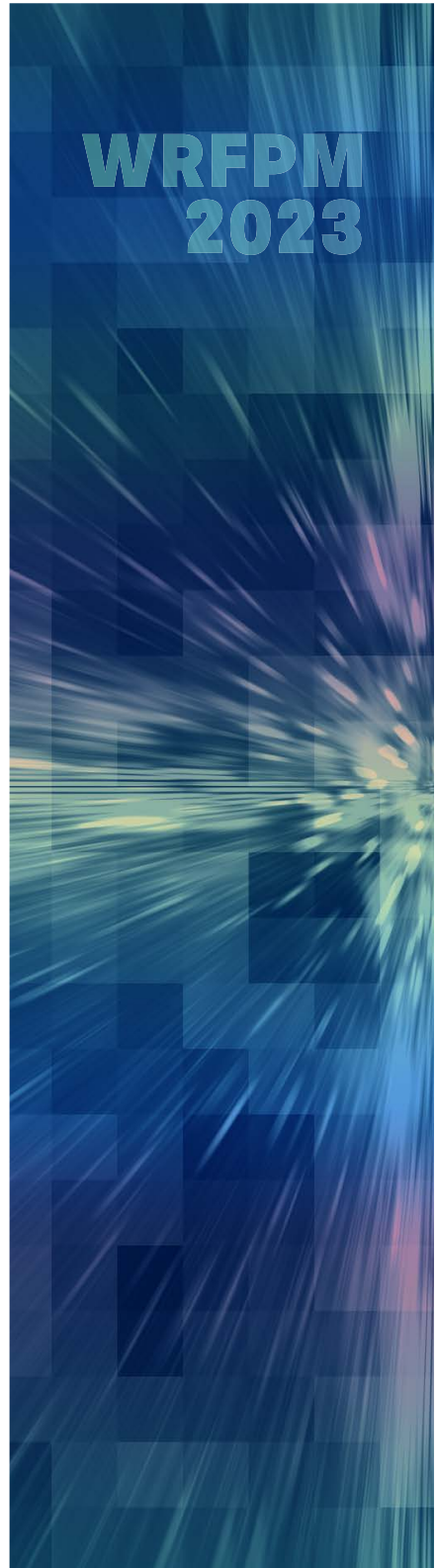
<http://wrfpm2023.org.cn/>



About Water Reactor Fuel Performance Meeting

The 2023 Water Reactor Fuel Performance Meeting (WRFPM2023) will be held in Xi'an, Shaanxi Province, China from July 17 to 21, 2023. It is hosted by the Chinese Nuclear Society (CNS) in cooperation with the Atomic Energy Society of Japan (AESJ), the Korean Nuclear Society (KNS), the European Nuclear Society (ENS), the American Nuclear Society (ANS) and the International Atomic Energy Agency (IAEA). The conference will be an in-person event.

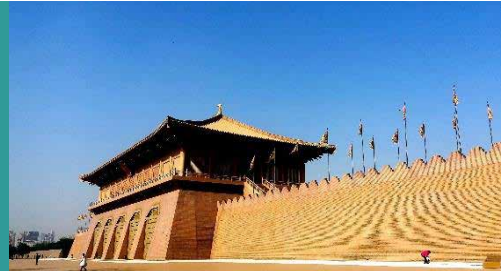
The Water Reactor Fuel Performance Meeting (WRFPM) held in Asia is combined with the TopFuel Conference held in Europe and the LWR Fuel Performance Conference held in the United States to form the most influential conference in the field of nuclear fuel research in the world. WRFPM2023 covers all issues in the field of fuel performance research, including advances in water reactor fuel technology and testing, operation and experience, transient and off-normal fuel behavior and safety related issues, fuel cycle, used fuel storage and transportation, innovative fuel and related issues, fuel modelling, analysis and methodology.



The 2023 Water Reactor Fuel Performance Meeting

WRFPM 2023

2023 Water Reactor Fuel Performance Meeting/
Top Fuel / LWR Fuel Performance Meeting
17-21 July 2023, Xi'an, China



WRFPM 2023 – Call for papers

Fuel for Nuclear energy, Innovation for sustainable Development

About the meeting

The 2023 Water Reactor Fuel Performance Meeting will be held on 17-21 July 2023, Xi'an, China. Commonly more than 300 experts from different countries and regions attended the meeting. Nuclear power renaissance in China is now on a fast track, and the Chinese Nuclear Society is honored to hold such a meeting to promote the academic exchanges among experts from around the world.

Track 1 Advances in water reactor fuel technology and testing

Advances in fuel system design, manufacturing and testing, improved fuel, cladding, structural and functional materials development, Mox fuel design and manufacturing, new fuel design, test facilities, Fuel qualification and licensing

Track 2 Operation and experience

Fuel performance, reliability and operating experience, flexible operation and core management, re-use after transportation or storage, water chemistry and corrosion counter measures, pool-side and hot-cell examination, maintenance experience, high-burn experience, MOX and reprocessed uranium fuel performance, irradiation experience in test reactors, reload variability, fuel

assembly distortion Fuel performance, reliability and operating experience, flexible operation and core management, re-use after transportation or storage, water chemistry and corrosion counter measures, pool-side and hot-cell examination, maintenance experience, high-burn experience, MOX and reprocessed uranium fuel performance, irradiation experience in test reactors, reload variability, fuel assembly distortion

Track 3 Transient and off-normal fuel behavior and safety related issues

Fuel behavior and safety criteria, pellet-cladding interaction (PCI/PCMI/SCC), transient fission release, cladding ballooning/burst experiment and modelling, fuel behavior under extended loss of cooling, test facilities and Experiments

Track 4 Fuel cycle, used fuel storage and transportation

Closed fuel cycle, Fuel performance and characteristics for transportation and storage, fuel behavior in dry container, wet storage ponds and during transportation, criticality, feedback from recycle and disposal, R&D activities

Track 6 Fuel modelling, analysis and methodology

Developing, verification and validation for modelling codes, experiment data and modelling, qualification and licensing for modelling codes, fuel behavior modeling for normal, transient and off-normal operation, irradiation effect and simulation, Statistical analysis and numerical treatment of uncertainty, multiscale modelling, multi-physics coupling, fuel degradation modelling

Track 5 Innovative fuel and related issues

Developing status and roadmap, New concept fuel, Design and fabrication, economy, core management, experiment data and analysis, fuel test, qualification and licensing, fuel cycle and back-end issues, fuel for small reactor, deployment scenarios

Abstract submission

- 01 Abstracts must be submitted electronically in PDF format. Abstract should be within 450 words with name, affiliation, country (nationality) and email information.
- 02 List references numerically at the end of the abstract, and use numbers in the text, enclosed within brackets.
- 03 The title of your abstract will be used as the title of your presentation in the preview program.
- 04 At least one author of accepted papers will be expected to register for the conference.
- 05 The contents of the abstract must include the objectives of the study/investigation and the methodology used. It should also briefly describe the main findings and their potential applications. Sufficient information should be included for an independent reviewer to determine its suitability for the conference.

Important dates

Deadline for abstract submission:
April 14, 2023

Deadline for draft paper submission:
April 30, 2023

Deadline for final paper:
May 31, 2023

For more information: <http://wrfpm2023.org.cn>
Conference Secretariat: wrfpm2023@163.com

SPONSORSHIP

I . Co-sponsors (3-4)

Sponsorship amount: 200,000 CNY

Rewards:

- 01 Recognized as "The co-sponsor of The 2023 Water Reactor Fuel Performance Meeting" ;
- 02 Inclusion in the meeting acknowledgements list;
- 03 Name of the "co-sponsor" be shown in the publicity of the meeting (such as media publicity, press releases, meeting materials, on-site background boards, etc.) ;
- 04 A presentation arranged at the technical session;
- 05 One free booth in the exhibition area;
- 06 2 free registration;
- 07 One full-page color page in the conference program.

II . Panel or workshop sponsorship (10)

Sponsorship amount: 150,000 CNY

Rewards:

- 01 Arrange a special panel or workshop for the sponsors;
- 02 LOGOs shown on panel or workshop background board;
- 03 Inclusion in the meeting acknowledgements list;
- 04 One free booth in the exhibition area;
- 05 2 free registration;
- 06 One full-page color page in the conference program.

III. Catering sponsorship

01 | Lunch Sponsorship Sponsorship amount: 100,000 CNY

- Enterprise publicity stands and banners placed at the meal location, marked with the word "Lunch Sponsor";
- Enterprise name and logo printed on meal coupons;
- One full-page color page in the conference program;
- One free booth in the exhibition area;
- 1 free registration.

02 | Coffee Break Sponsorship Sponsorship amount: 50,000 CNY

- Enterprise publicity stands placed at the coffee break location, marked with the word "Coffee Break Sponsor";
- One free booth in the exhibition area;
- 1 free registration.

IV. Other sponsorship

01 | Meeting notebooks advertisement inside page (3,000 CNY/1P, 300 copies in total)

02 | Meeting Gifts (20,000 CNY)

Gifts printed with enterprise name&logo and Meeting name&logo (about 300 copies)

03 | Technical session speech (10,000 CNY for one 20-min speech)

Exhibition

Contact: Ms Xinyu XU Email: xuxinyu13@hotmail.com

Exhibition: 20,000 CNY/Booth

TIME :

Exhibition Set-up Time July 17, 2023, 13:00 -21:00

Exhibition Dismantling Time July 20,2023

BOOTH :

Booth Area: L2.5*W3m

Booth Backdrop Size: L2.5*H2.5m

Booth Includes:

- 1 One TV set;
- 2 One Table;
- 3 Two Chairs;
- 4 One Carpet (size: L2.5*W3m);
- 5 One self-designed enterprise display board (size: L1* W0.7m).





Exhibition Map

Booth Diagram

Material Information:

1. Exhibition Stand Size: L2.5*H2.5m
2. Carpet Size: L2.5*W3m
3. One self-designed display board size: L1* W0.7m
4. One TV
5. Two chairs and One table

Meeting Venue

- ① Meeting place: Shaanxi Guesthouse (also known as Shaanxi Zhangbagou Guesthouse)
- ② Meeting Address: No.1, Zhangba North Road, Xian, Shaanxi Province



Panoramic View of the Meeting Venue





Meeting Venue



**LOOKING FORWARD
TO YOUR VISIT
TO BEAUTIFUL XI'AN**

**WRFPM
2023**

