



## NDE in Nuclear 2023

*Cutlers Hall in Sheffield, United Kingdom  
27-29 June 2023*

The Sustainable Nuclear Energy Technology Platform (SNETP) is pleased to announce the second edition of the international conference Non-Destructive Examination (NDE) in Nuclear, to be held at Cutlers Hall and the Nuclear Advanced Manufacturing Research Centre (NAMRC) in **Sheffield, UK from June 27-29, 2023.**

### Conference Overview

**NDE in Nuclear 2023** will build upon the success of the first conference of this new series of nuclear NDE conferences, NDE in Nuclear 2019 (organized by EPRI), by providing an international conference for NDE professionals from nuclear utilities, inspection vendors, inspection equipment manufacturers, qualification bodies, research laboratories and other nuclear stakeholders to discuss latest advancements in R&D and application of NDE technologies for the commercial nuclear industry.



The conference will be held over two and half days. Following the opening plenary session there will be three parallel sessions of oral technical presentations and a half day of networking for all participants at the NAMRC. The networking event will include a tour of the NAMRC facilities, vendor exhibition and Tech Talks on NDE and advanced manufacturing.



Date	Morning	Afternoon
Monday, 26 June		Evening reception (18:00 - 20:00)
Tuesday, 27 June	Plenary Session	Technical presentations Three Panel Sessions
Wednesday, 28 June	Technical presentations Three Panel Sessions	Networking NAMRC Tour/Exhibition/ Tech Talks BBQ
Thursday, 29 June	Technical presentations Three Panel Sessions	

## Call for Papers & Presentations

SNETP invites all interested organisations to submit technical papers for presentation during the conference. Topical items of interest with a focus on nuclear power plant applications include:

- Reactor design for inspectability including SMRs
- Advanced manufacturing and NDE
- Automated analysis of NDE data including Artificial Intelligence (AI) / Machine Learning (ML)
- NDE 4.0
- Research, development and application of NDE technologies and equipment
- In-service inspection (ISI) effectiveness / Risk-informed ISI
- NDE reliability and qualification
- NDE modeling and simulation
- NDE optimization
- NDE for materials characterization and measurement of properties
- NDE for coarse grained materials
- NDE of concrete and other non-metallic materials
- Personnel and human factors including NDE personnel training and certification
- Regulatory and Code Issues and Harmonization
- Plant operational experience and plant modernisation
- Structural health monitoring
- Plant life management
- Smart materials and other NDE considerations

## Abstract Submission

To be considered for inclusion in the conference programme please send an abstract of the technical presentation / paper to NDE in Nuclear 2023 Programme Committee ([nde2023.procom@snetp.eu](mailto:nde2023.procom@snetp.eu)). The abstract should clearly state the title, authors and their affiliation, and explain the paper's content, objectives, and conclusions (see [abstract template](#)).

All abstracts received by 24 February 2023 will be considered. Authors will be informed of the acceptance of their abstracts by 1 March 2023 along with details to register for the conference. Authors must register for the conference no later than 1 May 2023. Thereafter the acceptance of the paper may be rescinded by the conference programme committee.

Presentations will be published in the conference proceedings that will be made available to all conference participants after the event.

All authors are highly encouraged to submit an optional paper (max. 10 pages) beside their presentation. All received papers will be made freely available on NDT.net – Open Access Archive of Nondestructive Testing ISSN 1435-4934 ([www.ndt.net](http://www.ndt.net)).

## Conference Fee

Conference registration fee is **£ 450 per person** (including VAT) and includes:

- Participation in all conference sessions
- Admission to the NAMRC tour / Exhibition / Tech Talks
- Conference Materials
- Evening Reception on Monday 26 June from 18:00 – 20:00
- Lunch (Tuesday 27 June and Wednesday 28 June)
- Coffee & refreshments

Registered conference participants can bring a guest (non-conference participant) to the evening reception (fee: £ 50 incl. VAT).

Conference registration is possible via the conference website ([NDEinNuclear2023.org](http://NDEinNuclear2023.org)), including reservation of accommodation at a variety of hotels in Sheffield at specially negotiated rates.

## Exhibition & Sponsorship

We have a number of sponsorship and exhibition opportunities available. Please refer to the [exhibition booklet](#) for more information or contact [registration@ndeinnuclear2023.org](mailto:registration@ndeinnuclear2023.org)

For all other inquiries related to the conference programme, abstracts, presentations and papers please contact the programme committee ([nde2023.procom@snetp.eu](mailto:nde2023.procom@snetp.eu)).

Please regularly consult the conference website ([NDEinNuclear2023.org](http://NDEinNuclear2023.org)) for latest news and updates on the event.

