

Call for Papers

SYP2022

Nuclear Science and Technology Symposium

Finnish Nuclear Society (ATS) is organizing the Nuclear Science and Technology Symposium (SYP2022) on

November 1–2, 2022 at

Paasitorni Congress Center in Helsinki

The symposium brings together an international audience of professionals in the nuclear field, from industry, research and academia. The programme includes technical sessions, with the possibility of on-line publication of short peer-reviewed papers.

Subject areas

The theme of the symposium is *Sustainable Nuclear Technology*. The general topics cover all fields of nuclear science and technology. Author contributions are divided in two tiers, depending on the technical content, target audience and the level of authors' involvement. The selection of the most suitable tier is left for the author, but some general guidelines are provided below.

Tier 1

Tier 1 covers technical and scientific topics, introducing original and novel significant work. Contribution involves a short paper (max 4 pages) and an oral or poster presentation at the conference. The papers are accepted based on a light peer-review process and published on-line.

Example topics for Tier 1

- Nuclear beyond electricity
 - Hydrogen
 - Heat
 - Desalination
 - Medical
 - Accelerator applications
- Nuclear power plant analysis
 - Fission reactor analysis
 - Thermal hydraulics
 - Automation and system analysis
 - Probabilistic risk analysis
 - Severe accidents
- Nuclear materials, fuel and chemistry
- Nuclear and radioactive waste management
- Nuclear fusion technology

Tier 2

Tier 2 is reserved for less technical presentations directed towards wider audience. Contribution includes only an oral presentation at the conference and no paper. Selection of speakers is based on short abstracts (used for review only).

Example topics for Tier 2

- Nuclear for sustainable energy mix
- Lifecycle
 - Licensing and construction
 - Commissioning and operation
 - Decommissioning
- Society
 - Education, training and infrastructures
 - Communication and public relations

Abstract and paper submission

Paper and abstract templates are provided at the symposium website. Paper submission is handled via website using Conftool.

Important dates

- 15.2.** Registration opens
- 1.4.** Submission opens
- 2.5.** Early bird registration deadline
- 15.6.** Deadline for Tier 1 short papers
- 31.8.** Deadline for Tier 2 abstracts
- 15.10.** Normal registration deadline
- 31.10.** Late registration deadline



Venue



From Wikimedia Commons

Paasitorni (Swedish: *Folkets hus*), also known as the **Helsinki Workers' House**, is a conference and congress centre of exceptional value in terms of its architecture and cultural history. The historic building is located in Hakaniemi, Helsinki. It was designed in Art Nouveau style by architect Karl Lindahl, opened in 1908 as conference and leisure premises for the working class, and for a long time, served actively as a workers' house. As a professional congress centre Paasitorni's functions have been developed since the mid-1990s. Today Paasitorni houses almost 30 spaces for meetings and events for 8–800 people, four restaurants and hotel Scandic Paasi with 170 hotel rooms.

Registration

Registration fees

| Category | Early | Normal | Late |
|-------------|-------|--------|-------|
| ATS member | 140 € | 190 € | 290 € |
| ATS YG | 100 € | 140 € | 210 € |
| ATS senior | 100 € | 140 € | 210 € |
| ATS student | 75 € | 100 € | 150 € |
| Non-member | 210 € | 290 € | 440 € |

The registration fee covers participation, lunches, coffee breaks, conference services and conference dinner. Registration is handled via symposium website and opens in February 2022.

The number of participants is limited to 250.

Accommodation (pre-booked)

Information about accommodation will be published on the conference website.

Exhibition

The SYP 2022 Expo is organized by FinNuclear Association. To secure your place, contact:

jekaterina.lavonen@finnuclear.fi

Sponsorship

Main sponsors and supporters will be given high visibility, a number of free registrations and other benefits.

For more information about sponsoring opportunities, contact ATS President:

puheenjohtaja@ats-fns.fi

Website

Latest information will be available on the symposium website:

<https://syp.ats-fns.fi/>

Symposium organizer

Finnish Nuclear Society (ATS)

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FINNISH NUCLEAR SOCIETY