

## Session Program

13–17 Apr 2026



## ICANS XXV

### *General*

Clarion Hotel Malmö Live, Live 1, 2 & 3  
Dag Hammarskjölds Torg 2, 211 18, Malmö

# Monday 13 April

08:00  
|  
09:00

## General: Conference Registration

Session | Location: Clarion Hotel Malmö Live, Live 1, 2 & 3, Dag Hammarskjölds Torg 2, 211 18, Malmö

## Tuesday 14 April

13:00

### General: Poster Session

Session | Location: Clarion Hotel Malmö Live

13:00–13:03 **Concept of a Collaborative Chopper Spectrometer TUKUYOMI for J-PARC**

Speaker

Kenji Nakajima

13:03–13:06 **Neutron scattering models and nuclear data at ESS**

Speaker

José Ignacio Marquez Damian

13:06–13:09 **Simulating Neutron Scattering Instruments with Vtess and Python**

Speaker

Fabian Beule

13:09–13:12

**Design and Deployment of a Remote Handling Cutting Rig for TS1 Cladding Obstruction Removal**

Speaker

Myles Klaiber

13:12–13:15 **Development of neutron scattering library for liquid helium**

Speaker

Douglas Di Julio

13:15–13:18 **SINQ Primary Cooling Systems - Operation & Maintenance Experience**

Speaker

Bastiaan Biesheuvel

13:18–13:21

**Pneumatic filling and emptying of Resin Amberlite IRN150 H/OH in the Ion-Exchange columns**

Speaker

Larissa P. Cunico

13:21–13:24 **Polarization Commissioning at POLANO**

Speaker

Tetsuya Yokoo

13:24–13:27 **The beam destinations for the high-power proton accelerator of the ESS**

Speaker

Dr Elena Donegani

13:27–13:30 **Development of a large-span precision adjustment bracket**

Speaker

Xiaojun Nie

13:30–13:33 **Contaminant Measurement and Sampling for the ESS Target Helium Cooling Loop**

Speaker

Jaroslav Fydrych

**13:33–13:36 Built for Testing: Designing Safety Systems with Operational Flexibility****Speaker**

Atefeh Sadeghzadeh

**13:36–13:39 ISIS Neutron and Muon Source Target Station 2 Methane Moderator Test****Speaker**

Tapaswi More

**13:39–13:42****The Experimental Station of the MIRACLES Spectrometer at the European Spallation Source: design and simulations****Speaker**

Antoni Simelio

**13:42–13:45 FETS–METS: A Test Stand for the Development of Moderator Systems****Speaker**

Alexandra Chrysafi

**13:45–13:48 ICONE - A HiCANS facility in France****Speakers**

Frederic OTT, Nicolas Pichoff, Mr Thomas Vassiliades

**13:48–13:51 ESS : Enabling Systems for the Target Station Remote Maintenance****Speaker**

akshat damani

**13:51–13:54 Mitigations to the risk of water freezing in MRP****Speaker**

Larissa P. Cunico

**13:54–13:57 ISIS II Neutron Targets Baseline Showcase****Speaker**

Daniel Wells Calvo

**13:57–14:00 Self-Powered Neutron Detectors for ISIS****Speakers**

Katherina Gelborova, Mr Steven Lilley

**14:00–14:03 Design and Commissioning of the Beamline for BNCT02 Accelerator****Speaker**

Leyao Huang

**14:03–14:06 Benchmarking PHITS for activation calculations at Spallation Neutron Sources****Speaker**

Tomás Dähn Costante

**14:06–14:09 High Level Control System (HLCS) for ESS Active Cells Facility****Speaker**

Lushan Weerasooriya

**14:09–14:12****NEW APPLICATIONS OF HALBACH ARRAYS IN INSTRUMENTS FOR NEUTRON SCATTERING EXPERIMENTS**

**Speaker**  
Joachim Pütz

**14:12-14:15** **Cleaning of Helium-3 Detector Gas at PSI Switzerland**

**Speaker**  
Michael Schaaf

**14:15-14:18** **Structural Integrity, Manufacturability and pressure testing of STUMM-PROTO**

**Speaker**  
Fernando Sordo Balbín

**14:18-14:21**

**Design and Commissioning of Continuous Helium Purification for the ESS Target Cooling System**

**Speaker**  
Jaroslaw Fydrych

**14:21-14:24** **Towards Predicting Instrument Background Beyond Tribal Knowledge**

**Speaker**  
Paraskevi Mastrokalou

**14:24-14:27** **Effective draining and drying of components in Monolith Vessel**

**Speaker**  
Larissa P. Cunico

**14:27-14:30**

**Characterization and integration of doublet He-3 detector arrays for the MIRACLES instrument at ESS: towards system commissioning**

**Speaker**  
Nathaly De La Rosa

**14:30-14:33**

**The Proton Beam Transport Line for the Second Target Station (STS) at the Spallation Neutron Source (SNS)**

**Speaker**  
Alexandru Baron

**14:33-14:36** **Symbiotic Spectrometers Njord & Remora**

**Speaker**  
Gregory Tucker

15:00

## Wednesday 15 April

09:00

### General: Announcements

Session | Location: Clarion Hotel Malmö Live, Live 3

09:10

09:00

### General: Announcements

Session | Location: Clarion Hotel Malmö Live, Live 1

09:10

09:00

### General: Announcements

Session | Location: Clarion Hotel Malmö Live, Live 2

09:10

13:30

### General: Excursion

Session

17:00

19:00

### General: Conference Dinner

Session | Location: Clarion Hotel Malmö Live, Live 1, 2 & 3, Dag Hammarskjölds Torg 2, 211 18, Malmö

22:00

## Thursday 16 April

09:00

### General: Announcements

Session | Location: Clarion Hotel Malmö Live, Live 2

09:10

09:00

### General: Announcements

Session | Location: Clarion Hotel Malmö Live, Live 3

09:10

09:00

### General: Announcements

Session | Location: Clarion Hotel Malmö Live, Live 1

09:10

## Friday 17 April

13:00

16:30

### General: ESS Site Visit

Session | Location: ESS Site, Partikelgatan 2, 224 84 Lund