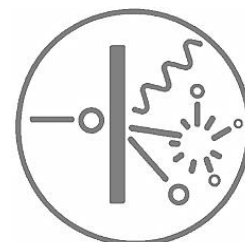


# 30<sup>th</sup> Conference of the International Nuclear Target Development Society INTDS 2022

September 25-30, 2022

Paul Scherrer Institut Villigen PSI, Switzerland

1<sup>st</sup> Announcement



Dear Colleagues,

The Isotope and Target Chemistry group of the Paul Scherrer Institut has the pleasure to host the 30<sup>th</sup> Conference of the International Nuclear Target Development Society (<http://www.intds.org/>) to be held from September 25<sup>th</sup> to 30<sup>th</sup>, 2022 at PSI, Switzerland.

## Scope

Despite the importance of beam facilities, detectors and elaborated data analysis, the target is one of the indispensable components in scientific experiments aimed to investigate nuclear reaction. Targets play also an important role for the performance of nuclear installations, for instance spallation neutron sources. Correspondingly, there is a strong influence of the target quality on the quality of the final experimental result. The main focus of this conference series is the research and development of techniques for the production and characterization of targets and target-related material for a broad range of applications. Performed every second year, the conference is aimed to bring together target makers from all over the world to report about newest developments, share their knowledge, build up synergies for efficient use of the available resources and foster their networks to be able to produce:

**"Tailored Targets for Science".**

The conference format includes general talks and oral contributions selected from abstracts submitted to the scientific committee.

The conference website is available at: <https://indico.psi.ch/event/7834/>. It will be continuously updated with the newest information and announcements.

## Conference venue, accommodation and social event

The conference will take place in the PSI Auditorium lecture hall, 5232 Villigen PSI, Reaktorstrasse 111, <https://www.psi.ch/en>. Several hotels are located in walking distance or easily reachable by public transport. A list of recommendations will be available soon at the homepage. A limited number of rooms will also be available in the PSI guesthouse to host students. A visit to the PSI accelerator facilities as well as a sightseeing tour exploring the amazing countryside of Switzerland will be organized.

Participants are invited to submit their contribution to one of the following topics or related subjects:

- Preparation techniques for thin films, e.g., vacuum evaporation/condensation, sputtering, electrochemical deposition, powder distribution, rolling etc.
- Separation and chemical processing of stable and radioactive isotopes;
- Preparation and characterization of high-purity and special materials;
- Development of highly material-conservative methods of preparation;
- Effects of contaminants;
- Target and sample encapsulation;
- Radiation and beam heating effects;
- Targets for radionuclide production;
- Liquid and Gas Targets
- Availability of exotic isotopes;
- Target and sample thicknesses from gas densities to  $\text{kg}/\text{cm}^2$ .
- Isotopically enriched and radioactive targets
- Beam charge strippers (foil, liquid, gas, plasma)
- Targets for high intensity beams
- Target characterization
- Targets for special applications (medical, industrial, controlled fusion)

## Important dates

There are several important dates we would like to bring to your attention:

01.02.2022:	Second announcement	15.08.2022:	End of Registration
25.03.2022:	Submission of abstracts	25.09.2022:	Late registration
02.05.2022:	Notification of acceptance	31.12.2022:	Deadline for proceedings contributions
31.05.2022:	End of Early registration		

## International Scientific Advisory Committee:

Klaus Eberhardt (JGU, Mainz, Germany)  
Christelle Stodel (GANIL, Caen, France)  
John Greene (Argonne National Laboratory, USA)  
Ntombizonke Kheswa (iThemba LABS, South Africa)  
Hironori Kuboki (RIKEN, Saitama, Japan)  
Bettina Lommel (GSI, Darmstadt, Germany)  
Goedele Sibbens (EC-JRC, Geel, Belgium)  
Dannie Steski (BNL, Brookhaven, USA)  
Yoshio Yamazaki (J-PARC Center, Tokai, Japan)  
Mikael Jensen (DTU, Copenhagen, Denmark)  
Daniela Kiselev (PSI, Villigen, Switzerland)

## Local Organizing Committee:

Dorothea Schumann  
Zeynep Talip  
Emilio Andrea Maugeri  
Rugard Dressler  
Joerg Neuhausen  
Angela Blattmann

## Opportunities for Sponsors and Exhibitors

- Gain quality exposure and meet decision makers in the rare isotope science domain
- Participate in the definition of new research trends in rare isotope science technology
- Establish relationships with leading and upcoming scientists, and promote your business

**Where:** Foyer of PSI Auditorium West

**When:** Monday, 26 September through Thursday, 29 September 2022

**Exhibit hours:** Monday to Thursday 8 am-5pm; *excluding Wednesday 12:00pm - 5:00pm.*

**Set up times:** Monday, 26 September 2022 7am-9am

**Tear down time:** Thursday, 29 September 2022 5pm-6pm

The following packages are offered

### **Promoter Level – CHF 500**

Company name and web link will be included in the conference "general information" and "exhibitor" web page. In addition, the company name will appear on conference publications (email announcements, abstract booklet, and final electronic distribution of conference talks).

### **Distributor Level – CHF 700**

In addition to company name dispersal provided at the Promoter Level, the company is invited to provide product information for distribution in conference folders. Companies participating at this sponsorship level will assume all costs related with material reproduction and shipping to the conference organizers at least one week prior to the start of the conference.

### **Exhibitor Level – CHF 1000**

Company is invited to send up to two (2) representatives to exhibit products during the conference. Company will also receive the benefits listed above for the Distributor and Promoter levels.

### **Company Logos/Artwork**

All exhibitors and sponsors are required to supply an electronic version of their logo (300dpi) for inclusion in the conference program and on the conference website (along with applicable signage). Sponsors will be contacted for graphics to be used in promotional materials and on the conference website once their full payment is received. Deadline for artwork submission will be announced later.