

9th International Symposium on Ice Drilling Technology

Sunday 14 September 2025 - Friday 19 September 2025

Potsdam

Scientific Programme

Mechanical Ice drilling

Development within shallow, intermediate, and deep drills

Hot water drilling

Hot points techniques and coring abilities

Rapid access ice drilling

Development of technologies for rapid access drilling

Sampling and clean technologies

Methods for exploration of the subglacial environment

Probes

Use of ice drills in polar and extraterrestrial investigations

Complicated conditions

like high altitude drilling, warm ice, firn aquifer layers, brittle ice, ice streams, dirty ice

Special aspects

Ice drilling technology, including drilling fluids, control systems, surface and auxiliary equipment, drill cables, and hoses

Directional drilling

Replicate sampling methods and tools

Subglacial drilling and sampling

Technologies for coring and sampling subglacial bedrock and sediments

Ice core handling

Logging and handling ice cores

Borehole logging and in-situ observatories

for drill support and science

Logistics

Drill camp operations and future projects

New challenges

Future development of ice drilling technology and unconventional approaches