



IISC

— AUSTRIA 2025 —

25th International Workshop on Inelastic Ion-Surface Collisions

September 14th-19th, 2025

Steinschaler Dörfel, Frankenfels, Austria

• Bus shuttle to and from Vienna

Important Dates

Registration: January 1st - May 31st, 2025

Abstract submission: January 1st - April 30th, 2025

Scope

IISC25 covers fundamental aspects of inelastic interactions of particles with surfaces:

- Energy loss of particles at surfaces
- Charge exchange between particles and surfaces
- Electron, photon and secondary ion emission due to particle impact on surfaces
- Ion-induced desorption, electronic and kinetic sputtering
- Defect formation, surface modification and nanostructuring
- Laser-induced desorption
- Plasma-wall interaction
- Scattering of atoms, ions, molecules and clusters
- Sputtering, fragmentation, cluster and ion formation in SIMS and SNMS
- Cluster/molecular and highly charged ion beams
- Electronic damage in 2D materials, soft matter and biological systems

Organisers

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