

# 16<sup>th</sup> International Workshop on Inelastic Ion-Surface Collisions

## IISC-16

Sep. 17 - 22, 2006

Schloss Hernstein, Austria

<http://www.iap.tuwien.ac.at/iisc16>

The International Workshop on Inelastic Ion-Surface Collisions (IISC) covers fundamental aspects of inelastic interactions of particles with surfaces.

### Main topics

- \* 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
- \* Scattering of atoms, ions, molecules and clusters
- \* Sputtering, fragmentation, cluster and ion formation in SIMS and SNMS
- \* Beams of molecules, clusters and highly charged ions



### Conference Chair

Friedrich Aumayr (TU Wien, Austria)

### International Scientific Committee

- A. Arnau (Spain)
- F. Aumayr (Austria)
- A. Borisov (France)
- V.Kh. Ferleger (Uzbekistan)
- A. Hamza (USA)
- R. Hoekstra (The Netherlands)
- D. Jacobs (USA)
- T. Koshikawa (Japan)
- M.L. Martiarena (Argentina)
- K. Morita (Japan)
- H. Niehus (Germany)
- M. Schleberger (Germany)
- I.F. Urazgil'din (Russia)
- P.A. Zeijlmans van Emmichoven (The Netherlands)



Hernstein Palace, one of the most beautiful seminar hotels in Austria, is an historic chateau once owned by the Habsburg family (Archduke Leopold Ludwig).

Located in an idyllic park with a small lake, it is just 50 km from Vienna city centre.

Distance from Vienna Intern. Airport: 65 km



**Organized by:** Inst. f. Allgemeine Physik, TU Wien, Wiedner Hauptstr. 8-10/E134, A-1040 Vienna, Austria  
Tel.: +43 1 58801 13430 IISC-16 home page: <http://www.iap.tuwien.ac.at/iisc16> e-mail: [iisc16@iap.tuwien.ac.at](mailto:iisc16@iap.tuwien.ac.at)