

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

Sep. 26 - Oct. 1, 2010  
Gatlinburg, Tennessee, USA



## •MAIN Topics

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

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