Smolenice Castle
SSSI 2013 is the 8th continuation of the series of the Solid State Surfaces and Interfaces conferences taking place usually in Smolenice castle in western part of Slovakia.

**CONFERENCE TOPICS**

- Physics and Chemistry of Following Inorganic and Organic Research Objects:
  
i) Atomically Clean Surfaces

ii) Thin Films

iii) Thin Regions in the Solid Bulk

iv) New Thin Structurally and Compositionally Inventive Compounds,

- Physics and Chemistry of Surface- and Interface-defect states,
- New Approaches at Formation and Investigation of Ultra-thin and Very-thin Film Structures and Regions,

- Physics and Chemistry of
i) Textured Solid Surfaces and

ii) Solid Surfaces Prepared by Special Type of Physical and Chemical Treatments,

- Physics and Chemistry of Low Temperature Plasma Interaction and Low Energy Ion Beams Interaction with Solid and Organic Compounds

- New Approaches in Theoretical Description of Interaction of Inorganic and Organic Compounds with Solid State Substrate,

- Novel Superconducting Materials and Their Properties

- Role of Surfaces, Thin Regions and Corresponding Interfaces in High Temperature Superconductors and HTC-based Devices,

- Advanced Contribution of Surfaces, Thin Films, Thin Regions and Corresponding Interfaces at Formation of High-efficiency Solar Cells,
- Advanced Thin Region-based High Temperature Superconducting, Photovoltaic
and MIS-based Devices,

- New Inventive Approaches in Diagnostics of Physical and Chemical Properties of Surfaces,

Thin Films, Thin Regions, and Corresponding Interfaces.

Conference Solid State Surfaces and Interfaces **SSSI 2013** is supported by the

- Science and Technology Assistance Agency (APVV) and
- Scientific Grant Agency of the Ministry of Education of Slovak Republic and the Slovak Academy of Sciences (VEGA).