

12th International conference Solid State Surfaces and Interfaces

21-23. November 2022, Smolenice Castle, Slovakia

Invited speakers

- **Prof. Dietrich R.T. Zahn**, Technische Universität Chemnitz, Chemnitz, Germany
„ Tip-enhanced spectroscopies for studying 2-dimensional semiconductors and their interfaces. “
- **Prof. Pierre Ruterana**, Centre de Recherche sur les Ions, les Matériaux et la Photonique, Caen, France
„ The structure of nanoporous GaN for improving the emission properties as investigated by transmission electron microscopy. “
- **Prof. Grzegorz Jung**, Ben Gurion University of the Negev, Beer-Sheva, Israel
„ Superconducting proximity effect through chiral molecular interface. “
- **Prof. Dr. Thomas Chassé**, Institut für Physikalische und Theoretische Chemie, Universität Tübingen, Germany
„ Surface analysis of plasma and chemically treated technical polymer and stainless steel surfaces. “
- **Dr. Jiří Vohánka**, Faculty of Science, Masaryk University, Brno, Czech Republic
„ Determining the power spectral density function of randomly rough surfaces by means of angle-resolved scattering of light. “
- **Prof. Ivan Ohlídal**, Faculty of Science, Masaryk University, Brno, Czech Republic
„ Optical properties of polymer-like thin films prepared by plasma enhanced chemical vapor deposition. “
- **Dr. Joanna Bauer**, Wroclaw University of Technology, Wroclaw, Poland
„ Numerical screening of dietary supplements – assessment of the potential risks and side effects. “
- **Dr. Štefan Chromik**, Institute of Electrical Engineering SAS, Bratislava, Slovakia
„ Structural properties of MoS₂ and WS₂ two dimensional systems prepared by PLD method on some specific substrates. “
- **Prof. Giovanni Ausanio**, Department of Physics “E. Pancini”, University of Naples Federico II, Naples, Italy
„ Coating of Flexible PDMS Substrates through Matrix-Assisted Pulsed Laser Evaporation (MAPLE) with a New-Concept Biocompatible Graphenic Material. “

- **Assoc. Prof. Martin Moško**, Faculty of Mathematics, Physics and Informatics Comenius University, Bratislava, Slovakia
„ Point contact spectroscopy of superconductors using nanofilament in a titanium-oxide based memristor. “
- **Dr. Aarne Kasikov**, Institute of Physics, University of Tartu, Tartu, Estonia
„ Guestimating a growth of inhomogeneous HfO₂ layer. “
- **Prof. Roman Martoňák**, Faculty of Mathematics, Physics and Informatics Comenius University, Bratislava, Slovakia
„ Quantum and classical ripples in graphene. “
- **Assoc. Prof. Tomáš Plecenik**, Faculty of Mathematics, Physics and Informatics Comenius University, Bratislava, Slovakia
„ Gasistor: a metal oxide semiconductor gas sensor with intrinsic memristive memory. “
- **Assoc. Prof. Stanislav Jurečka**, Institute of Aurel Stodola, University of Žilina, Liptovský Mikuláš, Slovakia
„ The properties of CuFeO₂ and Mo₂N layers for photoelectrochemical production of hydrogen. “
- **Assoc. Prof. Maroš Gregor**, Faculty of Mathematics, Physics and Informatics Comenius University, Bratislava, Slovakia
„ Magnetic vortex pinning in a superconductor/ferromagnet bilayer.“
- **Dr. Daniel Franta**, Faculty of Science, Masaryk University, Brno, Czech Republic
„ Optical properties of porous films determined using the Universal Dispersion Model: application to GdF₃. “