

Poster Session: Tuesday, 06 December, 17:00 h (CET)

- 1 Alexandre Abhervé Chiral Halide Perovskite Materials for Optoelectronic and Spintronic Devices
- 2 Seif Alwan „Spinterface“ Origin for the CISS Effect – From Low Temperature Effect to the Thermo-electric CISS Effect
- 3 Gregory Amato Chirality Induced Spin Selectivity in Contact Electrification
- 4 Neeraj Bangruwa CISS-based Label-free Novel Electrochemical Impedimetric Detection of UVC-Induced DNA Damage
- 5 Prashant Kumar Bhartiya Chiral-induced Enhanced Electrocatalytic Behaviour of Cysteine (Chiral) Coated Bifunctional Au/Ni Bilayer Thin Film Device for Water Splitting Application
- 6 Jorge Cardenas-Gamboa Study of Electron Transport in a DNA Model
- 7 Tapan Kumar Das The New Functionalities of Spintronic Device and Spin Selective Electron Transfer
- 8 Niccolò Giaconi High Spin Selective Electron Transport of Thia[4]helicene Radical Cations Monolayer Chemisorbed on Surface
- 9 Kars Huisman Current-Voltage Characteristics of Coulomb Interactions
- 10 Sebastian Kalhöfer Green-Function-Approach to explain Chirality-dependent Helix-Metal-Binding-Energies
- 11 Fabian Kammerbauer Tuning Skyrmion Diffusion by Adhesion of Chiral Molecules

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| 12 | Alessandro Lodesani | Investigating Quantum Electron Transport Through Chiral Molecules at the Single Spin Level |
| 13 | Emilio Macaluso | Detecting Chiral-Induced Spin Selectivity in Electron-Transfer Processes Using Time-Resolved EPR: From Theory to Experiments |
| 14 | Shinji Miwa | Effective Magnetic Field from Chiral Phthalocyanine due to Thermally Driven Spin Polarization |
| 15 | Paul Valerian Möllers | Chirality-Induced Electron Spin Polarization in Chiral CuO and CoO _x Catalyst Surfaces |
| 16 | Shuichi Murakami | Theory of Kinetic Magnetoelectric Effect in Chiral Metals and Topological Insulators |
| 17 | Alberto Privitera | Spectroscopic Detection of Spin Polarisation in Photoinduced Charge Transfer through a Chiral Bridge |
| 18 | Shammi Rana | STM: A Tool to Probe the CISS Effect in Self-assembled Molecular Networks? |
| 19 | Lokesh Rasabathina | Control of Magneto-optical Properties of Cobalt-layers by Adsorption of α -helical Polyalanine Self-assembled Monolayers |
| 20 | Massimiliano Remigio | Synthesis and Chiral Resolution of [2.2]Paracyclophane Derivatives on Graphite: Self-assembled Molecular Networks of a 3D Molecular Nanostructure |
| 21 | Rebecca Rodrigues de Miranda | Functionalised Spin Crossover Complexes for Exploring Chirality-based Effects in Thin Films |

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| 22 | Reza Mohammad Safari | Enantiospecific Adsorption on a Ferromagnetic Surface at the Single-molecule Scale |
| 23 | Aida Saghatchi | Transfer of Spin-Orbit Coupling of Molecule-Metal Interfaces |
| 24 | Mahroo Shiranzaei | Intrinsic Contribution of Spin-orbit Coupling in Phonon-assisted Magnetization |
| 25 | Christoph Tegenkamp | Studying the CISS Effect on the Molecular Scale with Non-spin-polarized STM |
| 26 | Pius Theiler | Kelvin Probe Force Microscopy on Chiral Single Crystals |
| 27 | Sytze Tirion | Detection of the CISS Effect in the Linear and Non-linear Regime as a Two- and Four-terminal Magnetoresistance Measured in Spin Valve Devices |
| 28 | Adrian Urban | Metalloporphyrins Open Up Towards Enantioseparable and Fully sp^2 -hybridized Helical Complexes |
| 29 | Clemens Vittmann | Spin-Dependent Momentum Conservation of Electron-Phonon Scattering in Chirality-Induced Spin Selectivity |
| 30 | Laura Alicia Völker | The Importance of Dipolar Decoupling for Detecting Chiral-Induced Spin Selectivity in Radical-Pairs with NV Centres in Diamond |
| 31 | Artem Volosniev | Dissipative Dynamics of an Impurity with Spin-Orbit Coupling |