Poster Programme

Poster presenter	Title
Hyobong Ryu (KIST Europe, Saarbrücken, Germany)	**Isotachophoretic target concentration determined by fast PMT line scanning**
Luis Antonio Panes Ruiz (Technische Universität Dresden, Germany)	**Efficient ammonia sensors based on single walled carbon nanotubes**
Natalia Rusinchuk (Taras Shevchenko National University of Kyiv, Ukraine)	**Surface plasmon resonance sensors for antiviral therapy**
Julian Schütt (Technische Universität Dresden, Germany)	**Nanoscaled impedance cytometry for bacteria analysis**
Bergoi Ibarlucea (Technische Universität Dresden, Germany)	**Classification of bactericide and bacteriostatic effects with nanowire sensors**
Muaz Salama Draz (Fraunhofer IKTS, Dresden, Germany)	**Ceramic-based chips for bioanalytics**
Soumya Deep Paul (Technische Universität Chemnitz, Germany)	**Processes and materials to enable fully flexible medial electronics**
Aleksandr Egunov (IFW Dresden, Germany)	**On-chip sensor for in-flow single cell analysis**
Panpan Zhang (Technische Universität Dresden, Germany)	**Stimulus-responsive microsupercapacitors**
Hyeonsu Cho (POSTECH, Pohang, Republic of Korea)	**Noise Characteristics of Silicon Nanowire ISFET Sensors with different channel doping concentration**
Markus Franke (Technische Universität Dresden, Germany)	**Immobilization of pH-sensitive Quantum Dots in a Hydrogel for Sensing and Valve Applications in Microfluidics**
Anthony Beck (Technische Universität Dresden, Germany)	**Developing optimized hydrogel microvalves and diodes for on-chip flow control**
Philipp Frank (Technische Universität Dresden, Germany)	**Integrated microfluidic circuits based on stimuli-responsive hydrogels for autonomous flow**
Sebastian Häfner (Technische Universität Dresden, Germany)	**Smart hydrogel pores stimulated by chemical signals for cell separation and 3D microfluidic applications**
Philipp J. Mehner (Technische Universität Dresden, Germany)	**Towards flow chart modeling of hydrogel-based micro-valves**