Updated on 08.05.2018

12th MicronanoSystem Workshop

Poster session | **Mon. 14th, 13:00**

P1	Samuel Rantataro Fabrication of high-resolution dry film photoresist bridges over trenches
P2	Sasha Hoshian Conductive Superhydrophobic Elastomer/Metal Hybrid Materials
P3	Tea Pihlaja Biofunctionalization of thiol-ene microfluidic devices
P4	Iiro Kiiski Thiol-ene -based on-chip toxicity assays for chemical toxicity screening
P5	Qi Li Electrochemical capacitors as AC line filters for miniaturized systems
P6	Veikko Sariola Screen-printed curvature sensors for soft robots
P7	Gowtham Sathyanarayanan Digital microfluidic enzyme reactor with integrated low-cost printed microheater
P8	Sari Tähkä Thiol-ene-based, replicated, high-aspect ratio micropillar arrays as immobilized chymotrypsin reactors
P9	Behnam Khorramdel Electrical contacts in SOI MEMS using aerosol jet printing
P10	Markus Haapala Capillary Isoelectric Focusing on 3D Printed Methacrylate Microchips
P11	Farzin Jahangiri Integrated microfluidic filter structures for cell-cell communication studies
P12	Erika Åkerfeldt Taking ceramic microcomponents to higher temperatures
P13	Kaisa Tornberg Minihypoxy - Portable alternative for cell culture in controlled oxygen environment
P14	Joose Kreutzer Cell stretching device for high-resolution fluorescent imaging
P15	Abdul Raouf Atif Bone Cement Embedded in a Microfluidic Device

P16	Jari Väliaho Towards microfluidic scent synthesizer and integrated e-nose technology
P17	Kati Piironen Drop-casting of PDMS lenses to improve the fluorescence detection sensitivity and resolution of microfluidic cell assays
P18	Joonas Heikkinen Pyrolytic carbon 3D structures
P19	Ashkan Bonabi Fabrication of Concave Microwells via Single Step lithography of Organically Modified Ceramics
P20	Grigory Yakopov Coulometric nano thickness gauge
P21	Zhouran Geng Direct laser writing of a three-dimensional filter system for microfluidic applications
P22	Antti-Juhana Mäki Modeling in vitro cell culture microenvironments
P23	Stefan Mertin Properties of ScAlN thin films sputtered from Al targets with embedded Sc ingots
P24	Meryem Kaya 3D nano-sized filters enable controlled interactions between microbial populations
P25	Benedek Poor Droplet microfluidics driven by magnetic shape memory micropumps
P26	Annukka Kokkonen Roll-to-roll Manufacturing of Microfluidic Immunoassay Chips
P27	Heidi Halonen Vibration stimulator for live cell imaging
P28	Anand Tatikonda Well-plate compatible direct hydrogel patterning for spheroid formation

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