Master MNT und ALS, Campus Zweibrücken, WS 2016/17
Seminar mit externen Referenten/Ringvorlesung/Doktorandenseminar

Hochschule Kaiserslautern
University of Applied Sciences

Referent/in ***(kursiv: Doktoranden)***	**Vortragstitel**	**Datum, Zeit, Ort**	**Gastgeber/in** *(Betreuer/in)*
Dr. Christoph Reinhardt **Uni Mainz**	Effects of the commensal microbiota on small intestinal vascularization.	Mi, 12.10.16, 14:00 Uhr K201	**Prof. Schäfer**
Ian Sachs *Irfan Masood*	*Fabrication of random nanoelectrodes using AAO Templates* *- Influence of pesiticides on neural stem cells -*	*Mi, 19.10.16, 14:00 Uhr* *K201*	*Prof. Saumer* *Prof. Schäfer*
Prof. Dr. Joachim Wegener **Universität Regensburg**	Monitoring Cells in Contact to Nanomaterials: A label-free, multi-modal approach	**Di, 08.11.16, 15:45 Uhr** **Q106/107**	**Prof. Ingebrandt**
Felix Hempel *Alexander Krivov* ~~*Anne Braun*~~	*PEDOT:PSS Organic Electrochemical Transistors for Biosensing* *Electrostatic effects in the magnetic force microscopy for non-planar samples* ~~*Rutin nanocrystals for the prevention of oxidative stress in neurodegenerative diseases*~~	*Do, 10.11.16, 14:00 Uhr* *C114*	*Prof. Ingebrandt* *Prof. Möbius* *Prof. Schäfer*
Dr.-Ing. Bastian E. Rapp **NeptunLab, Karlsruher** **Institute of Technology (KIT)**	Rapid Prototyping in Microfluidics: New Perspective by New Materials	Do, 17.11.16, 14:00 Uhr C114	**Prof. Baller**
David Schönfisch *Dominique Decker*	*Comparison and test of different humidity and temperature sensors for an integration into wearable systems* *Using electrochemical methods for the characterization of microelectrodes*	*Do, 24.11.16, 14:00 Uhr* *C114*	*Prof. Picard* *Prof. Saumer*
Dipti Rani *Xiaoling Lu*	*Label-free detection of biomolecules using highly reproducible silicon nanoISFET arrays* *Reduced graphene-oxide based biosensor platform for detecting prostate cancer biomarkers*	*Do, 01.12.16, 14:00 Uhr* *C114*	*Prof. Ingebrandt*
~~*Lisa Marx*~~ ~~*Denise Wiesenborn*~~	~~*Stem cell transplantation for the treatment of intestinal neuropathies*~~ ~~*The effect of calorie restriction on insulin signaling in Ames dwarf mice*~~	~~*Do, 08.12.16, 14:00 Uhr*~~ ~~*C114*~~	~~*Prof. Schäfer*~~
Maximilian Weyland *Jasmin Clasohm*	*Microflora and enteric nervous system: Staying apart, working together* *Enteric Neurons in the 5xFAD Mouse Model of Alzheimer's Disease*	*Mi, 14.12.16, 14:00 Uhr* *C114*	*Prof. Schäfer* *Prof. Rabe*
~~**Frederik Kotz**~~ ~~**Karlsruher Institute of Technology**~~	~~Rapid prototyping and additive manufacturing of microfluidic chips.~~	~~Do, 15.12.16, 14:00 Uhr~~ ~~C114~~	~~**Prof. Baller**~~
Dr. Kristine Bedner, **Endress+Hauser, Maulburg**	Fabrication and Characterization of Ion-Sensitive Field-Effect Transistors using Silicon-on-Insulator Technology	Do, 22.12.16, 14:00 Uhr C114	**Prof. Saumer**
Anne Braun *Lisa Marx* *Denise Wiesenborn*	*Rutin nanocrystals for the prevention of oxidative stress in neurodegenerative diseases* *Stem Cell transplantation for the treatment of intestinal neuropathies* *The effect fo calorie restriction on insulin signaling in Ames dwarf mice*	*Mi, 04.01.2017, 14:00 Uhr* ***K201***	*Prof. Schäfer*
Walid Munief *Achim Müller*	*Raman microscopy – Spectroscopic investigation of 2D thin-film materials* *On-chip integration of SiNW-FETs into different bridge configurations by CMOS processing*	*Do, 05.01.17, 14:00 Uhr* *C114*	*Prof. Ingebrandt*

Stand:11.12.2016, M. Saumer

Frederik Kotz **Karlsruher Institute of Technology**	Rapid prototyping and additive manufacturing of microfluidic chips	Mi, 11.1.17, 14:00 Uhr **K201**	**Prof. Baller**
Dr. Xuan-Thang Vu, **RWTH Aachen**	Electrical switching in nanoscale phase-change materials	Do, 12.01.17, 14:00 Uhr C114	**Prof. Ingebrandt**

Alle Interessierten sind herzlich willkommen!

Stand:11.12.2016, M. Saumer