

5th Meeting of the Graduate Network Life, Light and Matter 2018

Venue: Seminar room 110; Research Building of the Department LL & M; Albert Einstein Str. 25

Date: 19.01.2018



Universität
Rostock



Traditio et Innovatio

	time		speaker		topic	tutor		
1	09:00	09:10	Prof. Meiwes-Broer	KH	Welcome and Introduction			
2	09:15	09:25	Kussauer	Sophie	Physiological and pharmacological characterization of cardiac pacemaker cells	Prof. Prof.	David Steinhoff	Robert Gustav
3	09:30	09:40	Dr. Jonitz-Heincke	Anika	Cellular response on wear and corrosion products	Prof.	Bader	Rainer
4	09:45	09:55	John	Kristine	Challenges in programming the MRI to measure fluid flows	Prof.	Grundmann	Sven
5	10:00	10:10	Kaule	Sebastian	Transcatheter aortic valve prostheses – Contributions to the development of new valve designs and novel test methods for in vitro characterization	Prof.	Schmitz	Klaus-Peter
6	10:15	10:25	Dr. Timm	Stefan	Investigations of plant metabolism using metabolomics	Prof.	Hagemann	Martin
7	10:30	10:40	Drobek	Christoph	Buoyant density and shear resistance of human mesenchymal stem cells in cell suspension	Prof.	Seitz	Hermann
8	10:45	10:55	Rüger	Christopher	Mass spectrometric evolved gas analysis in the context of petroleomics	Prof.	Zimmermann	Ralf
coffee break 11:00 - 11:20								
9	11:20	11:30	Dr. Bresien	Jonas	Hetero-cyclopentenediyls as molecular switches	Prof.	Schulz	Axel
10	11:35	11:45	Oldorf	Paul	Cell biology-oriented surface functionalization of titanium implants using ultrashort laser pulses	Dr.	Peters	Rigo
11	11:50	12:00	Keller	Sonja	In-depth Characterisation of V/Ce _(1-x) FexO ₂ -Catalysts for the NH ₃ -SCR of NO _x	Prof.	Brückner	Angelika
12	12:05	12:15	Lydia	Burgschat	In-situ Differential Scanning Calorimetry of Precipitation Behavior in Mg-Y-RE Alloy WE43	Prof.	Kessler	Olaf
13	12:20	12:30	Kevin	Oldenburg	Interactions in Hybrid Nanocomposite Systems studied by Laser-Induced Photoemission Electron Microscopy	Prof.	Speller	Sylvia
14	12:35	12:45	Zimmermann	Julius	Analysis and Simulation of Electromagnetic Fields in Bio-Systems	Prof.	van Rienen	Ursula

lunch break 12:50 - 13:30					
15	13:40	14:00	Dr. Frank	Marcus	Scanning Transmission Electron Microscope
16	14:10	14:30	Dr. Bruschewski	Martin	MRI Flow Lab - A dedicated MRI laboratory for flow measurements and method development
17	14:40	15:00	Dr. Hollmann	Dirk	Interdisziplinarity research goes international