

5th Conference of Scientific Cooperation between Lower Saxony and Israel

Hybrid conference

07.-08. March 2022

Leibnizhaus, Hannover



Monday – March 7th 2022

09:00	Registration
09:15	Welcome
Medicine Block	
09:30	Melanie Ricke-Hoch (Medical School Hannover), “Genetic variants in sarcomeric genes contributing to peripartum cardiomyopathy”
10:00	Yoav Shaul (Hebrew University Hadassah Medical School) & Andre Wegner (TU Braunschweig) “Epithelial mesenchymal-transition-dependent downregulation of one-carbon metabolism as a mechanism for 5-FU chemoresistance”
10:30	Short break
10:45	Andre Fiala (Göttingen University) & Oren Schuldiner (Weizmann Institute of Science), “Development and plasticity of brain circuits - The fruit fly as a comprehensive study case”
11:15	Camin Dean (European Neuroscience Institute, Göttingen) & Noam Ziv (Technion) “The cell biology of forgetting - remodelling of nerve cell synapses and memory decay”
11:45	Presentation of the online portal ILSSE* and lunch break
12:30	Serge Ankri (Technion) & Kim Walbrunn (Leibniz University of Hannover) “An integrated study of Entamoeba histolytica tRNA-guanine transglycosylase”, online tandem
13:00	Andre Fischer (Göttingen University) “Epitranscriptomics: Role of RNA and its modifications in cognition diseases”
13:30	Shachar Ben Izhak (Bar Ilan University), Andrea Antal, Lukas Diedrich (Göttingen Medical University), “Means to improve cognition in healthy elderly and patients with mild cognitive impairment”
14:00	Coffee break
Humanities Block	
14:30	Markus Tepe (Oldenburg University) & Raanan Sulitzeanu-Kenan (Hebrew University of Jerusalem), “The effect of public sector identity on moral behavior and corruption”
15:00	Tobias Lenz (Leuphana University Lüneburg) & Yoram Haftel (Hebrew University of Jerusalem), “Institutional Overlap and the Authority of International Organizations”
15:30	Roman Trötschel (Leuphana University) & Marie van Treek (Leuphana University) “Mental accounting in allocation negotiations”
16:00	Concluding remarks conference day 1

Talks are scheduled for a total of 20 min, leaving 5-10 min for discussion

**: More details can be found at www.ilsse.de*

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Tuesday – March 8th 2022

09:00	Registration
09:15	Welcome
Natural Sciences and Engineering Block	
09:30	Eyal Zussman (Technion) – “Hypothermic preservation of organoids using “live” sponges”
10:00	Katharina Kruppa (Leibniz University of Hannover) “Electrospun oxide ceramics from nanofiber mats: Microstructure and thermoelectric properties”
10:30	Short break
10:45	Marc Buttkewitz (Leibniz University of Hannover) & Kayan Awawdeh (Technion) “Integration of optical porous silicon biosensors with 3D-printed microfluidics for biomarker detection”
11:15	Maya Davidovich-Pinhas (Technion) “Emulsion gels based on combination of oleogels and hydrogels as healthy margarine replacers in laminated pastry products”
11:45	Presentation of the online portal ILSSE* and lunch break
12:30	Dr. Antoniette de Sio (Oldenburg University) “Do anharmonic lattice vibrations govern charge carrier motion in halide perovskites?”
13:00	Piet Schmidt (Leibniz University of Hannover), & Nitzan Ackerman (Weizmann Institute of Science) “Quantum engineering optical clocks based on multiple trapped ions”, tandem
13:30	Stefan Kunis (Osnabrück University) & Dima Batenkov (Tel Aviv University) “Stability of Moment Problems and Super-Resolution Imaging” , tandem online
14:00	Coffee break
14:30	Nadav Amdursky (Technion) “Interfacial protons vs. Bulk protons: How proton localization alters ATP synthase activity”, probably online
15:00	Michael Kues (Leibniz University of Hannover) “Random photonic circuits for neuro inspired and quantum processing”
15:30	Short break
15:45	Sinikka Lennartz (Oldenburg University) & Chen Davidson (Hebrew University of Jerusalem), “Oceanic emissions of the climate relevant sulfur gases COS and CS ₂ constrained by novel isotopic and molecular approaches”, online
16:15	Uri Malamud (Technion) “Evolution of planetesimals”, online
16:45	Concluding remarks conference day 2

Talks are scheduled for a total of 20 min, leaving 5-10 min for discussion

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