



„Forschungskooperation Niedersachsen-Israel“: Geförderte Projekte 2019/2020

Antragsteller	Projekttitle	Fördersumme in Euro
Universität Oldenburg; The Hebrew University of Jerusalem	A novel approach to quantify global oceanic emissions of carbonyl sulfide (COS)	300.000
Universität Osnabrück; Technion-Israel Institute of Technology, Haifa	Spin-Based Quantum Sensing with Endohedral Fullerenes	300.000
Universität Hannover; Technion-Israel Institute of Technology, Jerusalem	Asymmetric Structuring of Thermoelectric Ceramics Using Electrospun Nanoribbons	300.000
Universität Hannover; Technion-Israel Institute of Technology, Haifa	Emulsion gels based on combination of oleogels and hydrogels as healthy margarine replacers in laminated pastry products	299.800
Universität Osnabrück; Tel Aviv University	Stability of Moment Problems and Super- Resolution Imaging	286.300
Universität Göttingen; Technion-Israel Institute of Technology, Haifa	Interfacial protons vs. bulk protons: How proton localization alters ATP synthase activity	299.500
Universität Hannover; The Hebrew University of Jerusalem	Random photonic circuits for neuro- inspired and quantum processing	294.900
Universität Oldenburg; The Weizmann Institute of Science, Rehovot	Do anharmonic lattice vibrations govern charge carrier motion in halide perovskites?	300.000
Technische Universität Braunschweig; Technion-Israel Institute of Technology, Haifa	A comprehensive theoretical-experimental framework for studying the formation and evolution of dwarf planets and small bodies	300.000
Universität Hannover; Technion-Israel Institute of Technology, Haifa	Hypothermic Spinning for Cell and Tissue Storage	300.000
Physikalisch-Technische Bundesanstalt Braunschweig und Berlin (PTB); The Weizmann Institute of Science, Rehovot	Quantum engineering optical clocks based on multiple trapped ions	300.000
Universität Hannover; Technion-Israel Institute of Technology, Haifa	Integration of optical porous silicon biosensors with 3D printed microfluidics for biomarker detection	300.000

Universität Göttingen; Bar Ilan University, Ramat Gan	Data-driven methods for finding planets around nearby stars	300.000
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Fördersumme gesamt: rund 3,9 Mio. Euro