

RSF Project Number	Research theme	German PI	Helmholtz Center	Russian PI	Russian Institution	Project Title
19-41-06301	Materials and Emerging Technologies	Prof. Dr. Ali Sunyaev	Karlsruhe Institute of Technology (KIT), Institute of Applied Informatics and Formal Description Methods (AIFB)	Prof. Dr. Mikhail Komarov	National Research University Higher School of Economics (HSE), School of business informatics	Blockchain: Assessing Suitability of Distributed Ledger Technology
19-42-06302	Materials and Emerging Technologies	Prof. Dr. Stefan Bluegel	Forschungszentrum Jülich GmbH	Prof. Dr. Valery Uzdin	St. Petersburg State University	Exploring topological magnetization textures for artificial neural networks TOPOMANN
19-42-06303	Materials and Emerging Technologies Structure and Dynamics of Matter	Dr. Jaime Sánchez-Barriga	Helmholtz-Zentrum Berlin für Materialien und Energie (HZB)	Prof. Lada V. Yashina	Lomonosov State University Moscow	Advanced ferromagnetic and antiferromagnetic materials for the quantum anomalous Hall effect and their dynamic behavior
19-43-06306	Structure and Dynamics of Matter	Prof. Dr. Volker Abetz	Helmholtz-Zentrum Geesthacht (HZG), Institute for Materials Research	Prof. Dr. Igor Potemkin	Lomonosov Moscow State University	Development of a Digital Twin of Self-assembled Stimuli-responsive Block Copolymer Membranes
19-44-06302	Structure and Dynamics of Matter	Prof. Dr. Valentin Gordeliy	Forschungszentrum Jülich GmbH, ISC-6	Vitaly Shevchenko	Moscow Institute of Physics and Technology (MIPT)	Development of Next Generation Optogenetic Tools: Structure and Dynamics of Viral Rhodopsins
19-45-06302	Materials and Emerging Technologies	Prof. Dr. Gil G. Westmeyer	Helmholtz Zentrum München (HMGU)	Dr. Maxim A. Abakumov	Pirogov Russian National Research Medical University (RNRMU)	Biomagnetic nanomaterials for non-invasive tracking and remote interrogation of stem cells in vivo by MRI and magnetic hyperthermia