

Leibniz Competition 2019 – Funded projects

Leibniz Programme for Women Professors

Combined Evolution of Star-Planet Systems

Institute	Leibniz Institute for Astrophysics Potsdam (AIP)
Section	D
Cooperating University	University of Potsdam
Candidate	Prof. Dr. Katja Poppenhäger

The Cellular Interactome in Health and Disease

Institute	Leibniz-Institut für Molekulare Pharmakologie (FMP)
Section	C
Cooperating University	Charité - Universitätsmedizin Berlin
Candidate	Prof. Dr. Fan Liu

Democratic Institutions in the Global South. The Limits of Presidential Accountability

Institute	GIGA German Institute of Global and Area Studies - Leibniz-Institut für Globale und Regionale Studien
Section	B
Cooperating University	Universität Hamburg (UHH)
Candidate	Prof. Dr. Mariana Llanos

Freshwater Megafauna Futures: Diversity, Functions, Threats, and Implications for Biodiversity Conservation

Institute	Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB)
Section	E
Cooperating University	Humboldt-Universität zu Berlin
Candidate	Prof. Dr. Sonja Jähnig

Leibniz Transfer

ParasiteWeb: A web-based platform for training and quality management of microscopic parasite diagnostics

Institute	Bernhard Nocht Institute for Tropical Medicine (BNITM)
Section	C
Cooperating partners	Fraunhofer Institute for Integrated Circuits
Project leader	Prof. Dr. Egbert Tannich

Electricity Network Analysis

Institute	Potsdam Institute for Climate Impact Research (PIK)
Section	E
Cooperating partners	Technische Universität Berlin; Reiner Lemoine Institut; ETH Zurich; Alaska Center for Energy and Power; Rocky Mountain Institute; MicroEnergy International; Green Adapt
Project leader	Dr. Sabine Auer

Transfer of evidence-based and co-produced knowledge for human-wolf coexistence

Institute	Senckenberg Gesellschaft für Naturforschung (SGN)
Section	C
Cooperating partners	German Institute for Wolf Monitoring and Research – LUPUS; Institute for Social-Ecological Research Frankfurt; IWM; University of Stirling; Norwegian Institute for Nature Research
Project leader	Prof. Dr. Thomas Müller

Enhancing the Visibility within the Research Region: Leibniz-GWZO in Prague

Institute	Leibniz Institute for the History and Culture of Eastern Europe (GWZO)
Section	A
Cooperating partners	Nationalgalerie; Goethe-Institut; Deutsch-tschechischer Zukunftsfoonds; Dresden Academy of Fine Arts; Friedrich-Alexander Universität Erlangen-Nürnberg; Thyssen-Bornemisza Art Contemporary; Charles University; Staatliche Kunstsammlungen Dresden; Slovak National Gallery; National Museum Warsaw; Museum of Fine Arts Budapest; Getty Foundation Los Angeles; Google Central and Eastern Europe; The Free State of Saxony's liaison office in Prague; Repräsentanz des Freistaats Bayern in Tschechien; Danube University Krems; Leipzig University of Applied Sciences (HTWK Leipzig)
Project leader	Dr. Jiri Fajt

Leibniz Junior Research Groups

Global freshwater biodiversity, biogeography and conservation

Institute	Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB)
Section	E
Cooperating partners	Yale University; Finnish Environment Institute (SYKE); University of Otago; Forest Sciences Centre of Catalonia; Eawag - Swiss Federal Institute of Aquatic Science and Technology; Office of Environment and Heritage; SGN; University of Duisburg-Essen
Candidate	Dr. Sami Domisch

“Man hört, man spricht”: Informal Communication and Information “From Below” in Nazi Europe

Institute	Institute of Contemporary History Munich - Berlin (IfZ)
Section	A
Cooperating partners	Indiana University; Osnabrück University; Free University of Bozen-Bolzano; IOS; Central European University (CEU); Polish Center for Holocaust Research; DI; Deutsches Historisches Institut Warschau (DHIW)
Candidate	Dr. Caroline Mezger

Correlated materials from first principles: solving the nexus of charge, orbital and spin

Institute	The Leibniz Institute for Solid State and Materials Research Dresden (IFW)
Section	D
Cooperating partners	Technische Universität Wien
Candidate	Dr. Oleg Janson

The Economics of Violence Against Women: Understanding Causes and Identifying Remedies

Institute	Ifo Institute - Leibniz Institute for Economic Research at the University of Munich
Section	B
Cooperating partners	University of Gothenburgh; University of London; University of California, San Diego; Trinity College Dublin, University of Dublin; Universitat Pompeu Fabra; West Midlands Police Force, Center for Crime Justice and Policing; Ministry of Education and Human Development; University Eduardo Mondlane
Candidate	Prof. Dr. Helmut Rainer

Cognition and Motivation in Educational Testing

Institute	Leibniz Institute for Science and Mathematics Education at the University of Kiel (IPN)
Section	A
Cooperating partners	IWM; DIPF; Educational Testing Service (ETS), Princeton; University of Luxembourg
Candidate	Dr. Marlit Annalena Lindner

Pathological host responses to Lassa virus infection - from mice to man

Institute	Bernhard Nocht Institute for Tropical Medicine (BNITM)
Section	C
Cooperating partners	Irrua Specialist Hospital
Candidate	Dr. Lisa Oestereich

Leibniz Collaborative Excellence

Powering endurance: Fuel selection in migratory bats

Institute	Leibniz Institute for Zoo and Wildlife Research (IZW)
Section	C
Cooperating partners	Technical University of Munich; Helmholtz Zentrum München – German Research Center for Environmental Health
Project leader	Dr. Christian Voigt

Volatileome of a Cereal Crop-Microbiota System under Drought and Flooding

Institute	Leibniz Centre for Agricultural Landscape Research (ZALF)
Section	E
Cooperating partners	IGZ; IPK; ZALF; German Centre for Integrative Biodiversity Research, Leipzig
Project leader	Dr. Steffen Kolb

Drifting Apart: International Institutions in Crisis and the Management of Dissociation Processes

Institute	Peace Research Institute Frankfurt (HSFK)
Section	B
Cooperating partners	GIGA; IfZ; ZZF
Project leader	Prof. Dr. Nicole Deitelhoff

Legacies of Communism? Post-Communist Europe from Stagnation to Reform, between Autocracy and Revolution.

Institute	Centre for Contemporary History Potsdam (ZZF)
Section	A
Cooperating partners	University of Bristol, Great Britain; IOS; National University ""Kyiv-Mohyla academy""; Zentrum für Literatur- und Kulturforschung, Berlin; Centre for East European and International Studies, Berlin; European University Institute, Florence, Italy; European University Viadrina, Frankfurt (Oder); University of Florida, USA; Centre Marc Bloch, Berlin; European University Institute, Florence, Italien; University of Exeter, Great Britain; WZB; The University of Dublin, Ireland; Tallinn University, Estonia; The Center for Urban History of East Central Europe, Lviv, Ukraine; University of Warsaw, Poland; Ilia State University, Tbilisi, Georgia
Project leader	Dr. Jan Claas Behrends

Competencies of school teachers and adult educators in teaching German as a second language in linguistically diverse classrooms

Institute	German Institute for Adult Education – Leibniz Centre for Lifelong Learning (DIE)
Section	A
Cooperating partners	University of Cologne; DIPF; IPN; University of Bonn; University of Tübingen; University of Zurich
Project leader	Prof. Dr. Josef Schrader

Integrative analysis of the influence of pesticides and land use on biodiversity in Germany

Institute	Research Museum Alexander Koenig Leibniz Institute for Animal Biodiversity (ZFMK)
Section	C
Cooperating partners	MfN; Senckenberg Museum für Naturkunde Görlitz (SMNG); ZALF; University of Koblenz-Landau; University of Bonn; Entomologischer Verein Krefeld (EVK); Landesamt für Umwelt Brandenburg
Project leader	Dr. Livia Schäffler

Chronic quiescence - maintenance of hematopoiesis and immunological memory in health and latent infection, and its disruption in chronic inflammation.

Institute	German Rheumatism Research Centre Berlin (DRFZ)
Section	C
Cooperating partners	University of Leeds, Great Britain; Max Planck Institute for Infection Biology, Berlin; FZB; Vienna General Hospital; Julius-Maximilians-

	Universität Würzburg and Helmholtz Centre for Infection Research, Braunschweig
Project leader	Prof. Dr. Fritz Melchers

High-definition crystalline Silicon-Germanium structures for Quantum circuits

Institute	Leibniz Institute for Crystal Growth (IKZ)
Section	D
Cooperating partners	IHP; RWTH Aachen
Project leader	Dr. Torsten Boeck

Improving School Admissions for Diversity and Better Learning Outcomes

Institute	Centre for European Economic Research (ZEW)
Section	B
Cooperating partners	DIW; Freie Universität Berlin; WZB, Technische Universität Berlin; DIPF; University of Frankfurt; University of Wuppertal; Paris School of Economics; London School of Economics; New York University; Massachusetts Institute of Technology; Hungarian Education Authority, Budapest; Association of German Cities, Cologne; Landesjugendamt, Stuttgart
Project leader	Dr. Thilo Klein

Novel metastable thin film materials through potential energy dissipation during subplantation of multiply charged ions

Institute	Leibniz Institute of Surface Engineering (IOM)
Section	D
Cooperating partners	RWTH Aachen, Materials Chemistry
Project leader	Prof. Dr. Andre Anders

Development of a predictive solid state tool for improved pharmaceuticals safety

Institute	Leibniz Institute for Catalysis e. V. at the University of Rostock (LIKAT Rostock)
Section	D
Cooperating partners	RWTH Aachen; Julius-Maximilians-Universität Würzburg
Project leader	Dr. Torsten Beweries

Efficiency and Equity in Education: Quasi-Experimental Evidence from School Reforms across German States

Institute	WZB Berlin Social Science Center (WZB)
Section	B
Cooperating partners	ifo; MIT, Cambridge; Northwestern University, Evanston; University of Bologna; University of Wisconsin-Madison; University of Heidelberg; Stanford University; Hebrew University of Jerusalem; University of Warwick; University of Oslo; Stanford University; London School of Economics; University of Chicago; Aarhus University; Humboldt-Universität zu Berlin; University Erlangen-Nuremberg; Norwegian School of Economics, Bergen; Jyväskylä University; University of California Los Angeles; University of Konstanz; DIPF

Project leader	Prof. Dr. Jutta Allmendinger
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Names change, places too. The Challenge of Developing Geodata-based Gazetteer Research Technologies and Methods

Institute	Herder Institute for Historical Research on East Central Europe - Institute of the Leibniz Association (HI)
Section	A
Cooperating partners	Göttingen State and University Library; digiCULT-Verbund; Verein für Computergenealogie, Das Geschichtliche Orts-Verzeichnis (GOV); German Archaeological Institute (DAI), Berlin; Eötvös-Universität, Budapest; Austrian Academy of Sciences, Wien; Canterbury Christ Church University; Maria Curie-Skłodowska University Lublin; Geonames/Deutschland; Giessen University; Lithuanian Institute of History, Vilnius; Leipzig University; German National Library; Charles University Prague; Polish Academy of Science, Warszawa; IOS; IfL; Université Laval, Québec
Project leader	Dr. Christian Lotz

Optical Control of Nanoscale Spin Textures

Institute	Max-Born-Institute for Nonlinear Optics and Short Pulse Spectroscopy (MBI)
Section	D
Cooperating partners	Max Planck Institute for Intelligent Systems, Modern Magnetic Systems; Forschungszentrum Jülich, Institute for Advanced Simulation
Project leader	Prof. Dr. Stefan Eisebitt

Segregation and Regional Mobility

Institute	RWI - Leibniz Institute for Economic Research
Section	B
Cooperating partners	Heinrich Heine University Düsseldorf; University Pompeu Fabra Barcelona; Institute for Employment Research, Nuremberg
Project leader	Prof. Dr. Thomas Bauer

Post-translational modifications of the synaptic scaffold controlling age-induced memory impairment

Institute	Leibniz-Institut für Analytische Wissenschaften - ISAS - e.V.
Section	D
Cooperating partners	Freie Universität Berlin, LIN
Project leader	Prof. Dr. Albert Sickmann