

Examples for close collaborations with other Helmholtz Centers

Networks	Description	Participating Helmholtz Centers
Helmholtz Information & Data Science Academy (HIDA)	HIDA connects six information and data science research schools with a network of national research centers and leading universities in Germany. It serves as a hub for knowledge exchange and promotes interdisciplinary collaboration in digitization and data science.	Helmholtz-Zentrum Berlin, Forschungszentrum Jülich, Helmholtz-Zentrum Hereon, Helmholtz Munich, Deutsches Elektronen-Synchrotron (DESY), Karlsruher Institut für Technologie (KIT)
Helmholtz Information and Data Science Incubator	This incubator aims to advance digitization across all research fields of the Helmholtz Association. It promotes the development of new methods and technologies for processing large data sets and supports interdisciplinary collaboration.	Helmholtz-Zentrum Berlin, Forschungszentrum Jülich, Helmholtz-Zentrum Hereon, Helmholtz Munich, Deutsches Elektronen-Synchrotron (DESY), Karlsruher Institut für Technologie (KIT)
Helmholtz Metadata Collaboration (HMC)	HMC fosters collaboration between metadata experts and scientists from various disciplines. It aims to create a decentralized infrastructure for trusted data exchange and optimize the use of research data.	Helmholtz-Zentrum Berlin, Forschungszentrum Jülich, Helmholtz-Zentrum Hereon, Helmholtz Munich, Deutsches Elektronen-Synchrotron (DESY), Karlsruher Institut für Technologie (KIT)
Materials Systems Engineering (MSE) Program	This program combines information-based synthesis and characterization methods with interdisciplinary research expertise to develop new materials and material systems. It promotes exchange and collaboration between researchers from different disciplines.	Helmholtz-Zentrum Berlin, Forschungszentrum Jülich, Helmholtz-Zentrum Hereon, Helmholtz Munich, Deutsches Elektronen-Synchrotron (DESY), Karlsruher Institut für Technologie (KIT)
GEMS (German Engineering Materials Science Centre)	GEMS is closely involved in national and international networks and collaborations such as MLZ, LENS, and ARIE. These networks promote interdisciplinary collaboration in material research.	Helmholtz-Zentrum Hereon, Forschungszentrum Jülich, Technische Universität München
EURIZON Project	This EU-funded project promotes European scientific and technical collaboration in the field of research infrastructures. It supports Ukrainian scientists and research infrastructures, strengthening the research landscape in Europe. Within the Work Package 3: "Neutrons - Next generation moderators and instrumentation at existing European reactor sources and future sources" named before in CREMLINplus "PIK - Collaboration with PIK" Hereon started with the design and performance simulation of neutron instrumentation for the reactor PIK and continued after the adaption of the research tasks with the investigation of the performance of a bi-spectral neutron extraction system using neutrons from thermal and cold moderators in the same neutron guide.	Helmholtz-Zentrum Hereon, Forschungszentrum Jülich, Helmholtz-Zentrum Berlin, Helmholtz-Zentrum Dresden-Rossendorf
Research vessel and data generation platform CORIOLIS	The research vessel Coriolis is jointly operated by Hereon and DLR-MES to generate data in regular service for evaluating and modelling new energy concepts for maritime environments	DLR Centre for Maritime Energy Systems Geesthacht and Kiel