

Use of Lump Sum

Year	Amount	Usage and Rationale
2020/2	15.8 k€	Amplifier for higher bias fields and time resolution
2020/2	1.1 k€	Measuring apparatus for sensor characterisation in three dimensions using time-varying fields and adaptive filters
2020/2	33.0 k€	Support of circuit design (doctoral researcher) in project A4
2021	100.0 k€	Optical surface measurement system
2022	71.6 k€	Reinforcement of staff in the central project Z1 in response to the new developments with increased demand for ME SAW sensors
2023	~ 71.6 k€	Reinforcement of staff in the central project Z1 in response to the new developments with increased demand for ME SAW sensors
2024/1	~ 35.8 k€	Reinforcement of staff in the central project Z1 in response to the new developments with increased demand for ME SAW sensors

CRC Retreats

Two to three day retreats for all CRC members twice a year



Conference Organisation (Selection)

Conference	Symposium, topic, involved principal investigators
22. – 25.08.2020 (online)	MSE Congress, Topic coordinator Biomaterials, C. Selhuber-Unkel
26. – 30.04.2021 (online)	INTERMAG 2021, Session IS – Magnetic Field Sensors II, Co-Chair D. Meyners
29.06 - 01.07.2022 Kiel, Germany	International Intelligent Materials (IIM) 2022, special topical session series on magnetoelectric materials R. Adelung, J. McCord
26.11. – 01.12.2023 Boston, USA	2023 MRS Fall Meetings & Exhibits, Symposium EL13—Multiferroics and Magnetoelectrics, E. Quandt

Scientific Guests

Name	Home Institution	Research Topic	Duration
Nian Sun	Northeastern University Boston, MA, USA	Bulk ME sensors and actuators	4 weeks, 05/06.2022
Nora M. Dempsey	Institut Néel, CNRS, Grenoble, France	High Performance NdFeB Micro-magnets	1 week, 06.2022

Unfortunately, various planned visits have been cancelled due to the COVID-19 pandemic.

CRC Specific Gender Equality Measures

Implemented CRC-specific Measures to Promote Gender Equality in the second funding period:

- Mentoring program for **female doctoral researchers**:
 - Regular meetings and informal get-togethers accompany the mentoring program
 - Opportunity for **exchange of experience** and networking.
- Project DAMAS (Magnetic Detection of Old Ammunition in the Sea):
 - Six **exceptional female students** from various STEM disciplines (both at the bachelor's and master's levels)
 - **collaboration** on the development and construction of a prototype for the detection of submerged World War II-era ammunition using ME sensors.
- Project acquisition coaching for a female PI
- Talks, workshops, and panel discussions with the objective of educating and **raising awareness** for gender equality and diversity related topics and opening up a broader discourse:
 - Talk "The two sides of the glass ceiling" by Marion Knaths
 - Movie screening and panel discussion "Picture a Scientist"
 - Panel discussion "Beyond the Glass Ceiling: Breaking Barriers and Building Equality"
- Funding of student assistant positions for **promising female students**
- Provision of child care to enable the participation of parents at meetings, retreats and summer schools
- Founding member of the Gender Equality Consortium



Planned CRC-specific Measures to Promote Gender Equality and Diversity in the third funding period

To further advance gender equality in the third funding period, the CRC will continue successful measures of the second funding period:

- The CRC will **extend the range of measures** to encompass additional initiatives aimed at fostering equal opportunities and diversity
- Collaborate with Kiel University's diversity commissioner and the Institute for Inclusive Education to implement strategies focused on **nurturing diversity**
- Anti-bias trainings and workshops on **inclusive engineering**



Gender Equality Consortium (GEC)

- Founded by **CRC 1261**, **CRC 1461**, and **KiNSIS**, three projects positioned within the fields of engineering, natural sciences, and life sciences, sharing **similar demands** for the involved scientists regarding gender equality
- Quarterly meetings to discuss and **exchange information** and coordinate joint activities
- Coordinating activities within the GEC has led to increased group sizes and exchange within and between the groups as well as **improved the synergetic effect** of the measures
- Supported by Kiel University's Central Office for Gender Equality, Equal Opportunity and the equal opportunities officers of the involved faculties as permanent guests

Funds Requested

1 Secretary, 27 Student research assistants

Direct costs 344 k€, Global funds 600 k€