

First Day: Wednesday, 02.09.2026

Time	Details
07:30 h	Drive to Sankelmark
09:15 h	Welcome (Gerhard) and introduction of new member(s)
09:30 h	Overview talk: Digital Signal Processing (Gerhard)
10:15 h	<i>Coffee break</i>
10:30 h	Teaser talks poster session I
10:45 h	Poster session I (chair: Martina) A1 A4 A10 B13 SOP
11:45 h	"Info block" (Mona and Gerhard)
12:30 h	<i>Lunch</i>
13:30 h	Teaser talks poster session II
13:45 h	Poster session II (chair: Jeffrey) A8 B2 B9 Z2
15:00 h	<i>Coffee break</i>
15:30 h	PI and IRTG meeting (in parallel)
18:00 h	<i>Dinner</i>
19:00 h	Socializing

Second Day: Thursday, 03.09.2026

Time	Details
08:00 h	<i>Breakfast</i>
09:00 h	The history of the CRC(s) Günther Deuschl, Eckhard Quandt, and Ulrich Stephani
09:45 h	<i>Coffee break</i>
10:15 h	Sports with Swantje*
10:30 h	Teaser talks for poster session III
10:45 h	Poster session III (chair: Gerhard) A7 A6 B10 CAU1 Z1
12:00 h	<i>Lunch</i>
13:00 h	Sports with Swantje*
13:15 h	Teaser talks for poster session IV
13:30 h	Poster session IV (chair: Tayebbeh) A2 A9 B1 B12
14:45 h	<i>Coffee break</i>
15:00 h	Research Talk: "Ultracompact Magnetic Flowmeter for Organ on Chip" Susana Cardoso de Freitas
15:45 h	Introduction of external guests
17:00 h	Sports with Swantje**
18:00 h	<i>Dinner</i>
19:00 h	Socializing

* No sports clothes are required

** Sports clothes are good, if you have a yoga or exercise mat, please bring it with you.

Third Day: Friday, 04.09.2026

Time	Details			
08:00 h	<i>Breakfast</i>			
09:00 h	Introduction (Gerhard Schmidt)			
09:15 h	Research Funding Opportunities – Transfer (Axel Koch)			
09:30 h	Research Funding Opportunities – Basic Research (Adrian Beutler)			
09:45 h	Introduction of external guests (that were not there on Thursday)			
10:00 h	<i>Coffee break</i>			
10:30 h	Potential future projects – Short intros “Early stage” ideas: • Lucie Bangert: Quantum Sensors for Cell Analyses Outreach: • Katrina Günther: Futuring (both parts) “Developed” ideas: • Michael Skeide: Robust Long-term Sensing of the Exposome in Human Infants • Michael Skeide/Eric Elzenheimer: Develop and Validate a Quality-assured, Multimodal Measurement and Post-processing Framework for Infant SERF-OPM-MEG During Naturalistic Audiovisual Recordings • Gerhard Schmidt/Robert Bergholz/Susana Cardoso: A Magnetic Sensor Glove as an Interface for Robot-assisted Surgery Systems • Benjamin Spetzler: Unifying ME: Towards Transferable Understanding and Design of Magnetolectric Device • Gerhard Schmidt/Norbert Frey/Marius Leye: Current Density Estimation in Heart Tissue Using Magnetic Sensors • Tayebbeh Ameri, Stefan Schröder, Vishal Kandathilparambil Prakash: Wearable Triboelectric Patch for Self-Powered Motion Sensing • Anja Leue/Tobias Reith: Cognitive-Trait-HUB • Robert Bergholz: Toward Microrobotics in Surgery			
11:15 h	Room “Stockholm”	Room „Bibliothek“	Room “tbd”	Room “Vilnius”
	Robust Long-term Sensing ... (M. Skeide)	Sensor Glove (G. Schmidt, R. Bergholz,)	Cognitive-Trait-HUB (A. Leue)	Developing biomagnetic futures scenarios (K. Günther)
12:00 h	Lunch			
13:00 h	Motion/Contact-Aware Infant MEG (M. Skeide, E. Elzenheimer)	Density Estimation in Heart Tissue (G. Schmidt, M. Leye)	Toward Microrobotics in Surgery (R. Bergholz)	Developing biomagnetic futures scenarios (K. Günther)
13:45 h	Unifying ME: Towards Transferable	Wearable Triboelectric Patch (T. Ameri,		Building prototypes: the

	Understanding... (B. Spetzler)	S. Schröder, V. K. Prakash)		biomagnetic mirror (K. Günther)
14:30 h	<i>Coffee break</i>			
14:45 h	Summary / Discussion			
15:45 h	Drive back to Kiel			