Tomorrow's contact lenses will leverage our capabilities to perceive and interact with the world around us. Augmented reality contact lenses will enable navigation and communication without the need of visible hardware. Contact lenses that sense, monitor and treat diseases will open new paradigms for health management and personalized therapies while being imperceptible to the wearer. Although many of these technologies have reached the prototype phase, their translation into viable commercial devices is not trivial. New functions need to be integrated into devices of highest comfort and ecologically responsible manufacture to ensure widespread consumer adoption.

We invite industry leaders to join us and discuss the opportunities and challenges in this field, and to form collaborations for the successful translation of smart contact lens technologies into everyday use. In seminars and discussion tables we will explore the latest advances in device design, technology integration and materials engineering. **Register today and be part of the future of contact lenses!**

Confirmed speakers:

Prof. Jang-Ung Park, Yonsei University (KR)
"Soft smart contact lenses for mobile healthcare applications"
Prof. Haider Butt, Khalifa University (UAD)
"Nanocomposite contact lenses for diagnostics and vision improvement"
Prof. Aránzazu del Campo, INM-Leibniz Institute for New Materials (DE)
"Self-replenishable therapeutic contact lenses"

Discussion moderators:

Dr. Andrea Hanefeld, Johnson&Johnson Germany (DE)
Max Ostermeier, Implandata Ophthalmic Products (DE)
Prof. Hans Smola, Paul Hartmann AG (DEI

Registration:
https://www.leibniz-inm.de/en/events/techtransferday-smart-contact-lenses-embedded-technologies-beyond-vision/
Deadline 30.04.2023. Registration Fee: 200 EUR.
Participant's number: ca. 40

Prof. Jang-Ung Park is Professor in the Department of Materials Science and Engineering at Yonsei University. His current research is focused on wearable and bioelectronics. http://wearablelab.net

Prof. Haider Butt is Professor in Mechanical Engineering at Khalifa University since 2019, where he leads a Nanophotonic Laboratory. His research focusses on additive manufacturing of nanophotonic devices, particularly smart contact lenses for sensing and color blindness related applications.

Prof. Aránzazu del Campo is Director of the INM-Leibniz Institute for New Materials and Professor for Materials Chemistry at Saarland University. Her group focuses on hydrogels for cell encapsulation and living therapeutic devices.

Dr. Andrea Hanefeld has 17 years of experience in innovation roles in Biotech/Pharma at Merck KGaA and Johnson & Johnson. Her expertise covers Research & Development, External Innovation, Manufacturing and Supply. In all these roles Andrea has built collaborative networks at the intersection between industry, academia and start-ups.

Max Ostermeier is a serial health-tech entrepreneur and CEO and Founder of Implandata Ophthalmic Products. Implandata is developing and commercializing smart ophthalmic implants and wearables for more effective and efficient management of patients with chronic eye diseases.

Prof. Hans Smola is the Medical Director of HARTMANN AG, a European Medical Device producer. He is also affiliated with the Department of Dermatology at the University of Cologne where he teaches within his research interest in therapies for tissue repair.