Global Digital Health: Project week with Research Alumni on interdisciplinary challenges from international perspectives

20-26 November 2025

Cooperation partners: DKFZ, KIT, Universities Cologne, Heidelberg, Münster, Siegen   **Format**: Keynote speeches, discussion rounds and interdisciplinary exchange (if not stated otherwise)

Preliminary programme structure

Theme blocks may change or shift. The aspects listed in each theme block are exemplary and can be further adapted. Interactive formats as well as contributions from the participants are intended.

	Cologne **Thu 20 Nov**	**Fri 21 Nov**	**Sat 22 Nov**	**Sun 23 Nov**	**Heidelberg** **Mon 24 Nov**	**Tue 25 Nov**	**Wed 26 Nov**	
	Global Digital Health **Approaches to digitalisation**	**Society & Health Economics**	**Data & Ethics**	Transfer	**Technology & Prevention**	**Diagnostics & Therapies**	**Global Digital Health** **From AI to health**	
Morning 09:00-12:30	**Kick-off** **Global Digital Health** **Interdisciplinary & international perspectives and relevance** Introduction to topic **Introduction of experts** Alumni and scientific partners	**Societal & economical aspects of global health** ▪ Ageing society ▪ Socio-technical infrastructures ▪ Telecare ▪ Entrepreneurship ▪ Digital well-being	**Data Science & Bio-Medical Informatics** ▪ Evaluation of biological mass data ▪ Creation of inter-facility research data infrastructures	*Change of location: Cologne to Heidelberg*	**Development of medical apps or individual software systems for research support** ▪ Digital Cancer Prevention Risk Models ▪ Skin Classification & Skin Cancer Prevention App ▪ Treating heart failure with novel AI approaches and robotics ▪ Digital health engineering	**Cancer Research** ▪ Computer-aided cell analysis for faster diagnosis of blood diseases ▪ Imaging ▪ Radiology ▪ AI-CARE	**AI & Digitalisation in Global Health** ▪ The future role of AI – in science, research & applied medicine, prevention ▪ Developments & prognosis	**Morning** 09:00-12:30
	Brown Bag Lunch	Lunch break	Lunch break		Lunch break	Lunch break	Lunch break	
Afternoon 14:00-17:00	**Funding opportunities for research stays in Germany** Information session with experts on funding opportunities **Identification of topics and questions** Application fields of innovative technologies Format: "Speed dating" & World Café **Welcome Evening with Dinner Speech:**	**Lab Tour at the University of Cologne** Insights into research areas and joint discussions on site: - Cologne Excellence Cluster on Aging and Aging-Associated Diseases (CECAD) - Center for Molecular Medicine Cologne (CMMC) - Max Planck Institute for Biology of Ageing - Max Planck Institute for Metabolism Research	**Regulatory and ethical aspects** ▪ Medical & data protection law in health data processing ▪ Legality of AI and other digital technologies/tools in treatment and prevention ▪ Acceptance and trust in digital health technology	*Visit to Heidelberg Castle and The German Pharmacy Museum*	**Health promotion and disease prevention** ▪ Skin Cancer Prevention ▪ Prediction of natural catastrophes & Prevention of disastrous impact with AI **"Health communication on Social Media"** Format: Public event Panel & Discussion followed by networking evening	**Lab Tour at the "Neuenheimer Feld" in Heidelberg – DKFZ & Heidelberg University** Insights into research areas and joint discussions on site: - Heidelberg Institute for Geoinformation Technology (HeiGIT) - Institute of Computer Engineering (ZITI) - Heidelberg Ion Beam Therapy Center (HIT) - Dieter Morszeck Biorepository	**Conclusions & Wrap-up** **Global Digital Health** **Interdisciplinary & international perspectives and relevance** Wrapping up the week **Impulses for future cooperation** Opportunities & connections Format: Workshop & World Café	**Afternoon** 14:00-17:00
Evening 19:00-21:00	**"Challenges and Perspectives in Global Digital Health"** Format: Public event Keynote and discussion followed by networking evening	**Dinner in Cologne** *Brauhaus Hellers*	*Evening in Cologne at your own leisure*	**Dinner in Heidelberg** *Kulturbrauerei*		*Evening in Heidelberg at your own leisure*	**Goodbye Evening Heidelberg** *Christmas Market Old Town*	**Evening** 19:00-21:00

International dimensions | interdisciplinary aspects and knowledge transfer |Health prevention and recovery measures | Medical foundation | Data analysis and ethics | AI and digital technologies

During the project week the different aspects and questions connected to "Global Digital Health" are considered primarily in their international relevance and regarding the possibilities of interdisciplinary knowledge transfer.
General medical questions, prevention, health promotion, data analysis and integration, ethical concerns and regulatory measures in the application of AI and digital technologies are among the main topics to be discussed.