Accelerating Research by Responsibly Using AI

Summer School 2025

Speaker, Keynotes and Bios

Prof. Dr. Alan Akbik

OpinionGPT: Exploring the Impact of Biases on Large Language Models

Human biases inevitably get picked up by Large Language Models (LLMs). Consequently, a considerable amount of AI research is dedicated to bias mitigation. But what if we were to flip the objective and explicitly model various human biases? OpinionGPT explores this idea and lets users see how different types of biases in the training data affect the way LLMs respond to questions. This talk will detail the training process together with associated challenges behind OpinionGPT, as well as discuss general implications of training such a LLM.

Alan Akbik is a professor at the Humboldt University of Berlin, leading the chair of machine learning. He focuses on natural language processing (NLP) research and the development of popular open source libraries such as Flair NLP.

Elly Keramati, Dr. Mohsen Sadeghi & Daniel Klaperski

From AI Research to Market

Start-ups are an effective channel for transferring research results to industry. Berlin has the potential for €500 million in research funding annually, over 120,000 students, 20,000 researchers, 15,000 graduates, and 1,000 professors. However, 75% of Germany's innovation potential remains untapped. Access to expertise, networks, and capital is crucial for success, especially for science-based spin-offs. K.I.E.Z. bridges these gaps with an open, flexible, and inter-university approach to support young AI founders from research with their first steps.
Gain practical knowledge from Elly and Mohsen as they share their journey as founders from the science-based startup Neurorium, supported by the K.I.E.Z. Bridge-to-Market-Scholarship.

Daniel Klaperski is the AI Innovation Manager at K.I.E.Z., a division of HU Berlin, responsible for bridging the gap between young AI talent from science to entrepreneurship. In his previous career, he has not only a track record in research but also several years of experience in AI software product management, innovation, and strategy consulting.

Mohsen Sadeghi is a Staff Scientist at Leibniz-Forschungsinstitut für Molekulare Pharmakologie, and has previously been a Young Investigator at FU Berlin. He has led a multidisciplinary research career, most recently involving computational biophysics and AI for science. Together with Elly, he co-founded Neurorium.

Elly Keramati has paved the long path from philosophy, to cognitive sciences, up to the natural sciences. She has an educational and research background at HU Berlin and the Max Planck Institute for Human Development, and has experience in supporting science startups. She is now co-founder of the startup Neurorium, where biotechnology and computer science meet.

Dr. Chripa Schneller

Anti-Discrimination by Design: Using AI to Check AI

As artificial intelligence increasingly shapes our societies, the risk of reinforcing bias and discrimination grows. Anti-Discrimination by Design challenges the widespread assumption that AI is neutral. Instead, it reveals how AI systems often reflect and amplify existing societal inequalities. This keynote introduces the founding idea behind the Institute for Diversity Competence (IDC) – a project that leverages AI to audit and correct other AI systems, with the aim of not just preventing harm, but promoting justice and equity. Join us in rethinking the foundations of artificial intelligence, its creators, and its potential in building a fairer society.

Chripa Schneller is an expert in diversity, anti-discrimination, and empowerment. Her research focuses on resistance theories and their practical application, with a critical assessment of their potential pitfalls. Her professional journey includes roles at UNESCO, the Academic Cooperation Association in Brussels as well as the leadership of the nationwide anti-discrimination organization DeutschPlus e.V. She is the founding director of the Institute for Diversity Competence (IDC), an initiative dedicated to building anti-discrimination AI systems.