

# Jülich-Aachen Neuromorphic Computing Day May 25th, 2022 at Forschungszentrum Jülich



## Highlights of the Projects NEUROTEC and NeuroSys

**Prof. Rainer Waser** (Forschungszentrum Jülich, RWTH Aachen University)

Neuro-inspired Technology of Artificial Intelligence for Future Electronics: NEUROTEC

**Prof. Max Christian Lemme** (RWTH Aachen University, AMO GmbH)

Clusters4Future NeuroSys– Neuromorphic Hardware for Autonomous Systems of Artificial Intelligence

**and invited talks by project members**

## Keynote Speakers (alphabetical order)

**Prof. Hermann Kohlstedt** (ET&IT, CAU zu Kiel)

*Bio-Inspired Information Pathways for Novel Computing Primitives*

**Dr. Johannes Schemmel** (KIP, Universität Heidelberg)

*An Introduction to Brain Inspired Computing*

**Prof. em. Klaus Mainzer** (TUM, C.F. Weizsäcker Centrum Univesität Tübingen)

*Foundations and Future of Neuromorphic Systems for Artificial Intelligence*

**Prof. Thomas Mikolajick** (IHM, TU Dresden)

*Ferroelectric Devices for Neuromorphic and In-Memory Computing*

**Dr. Abu Sebastian** (IBM Research, Zürich)

*The Quest for a More Efficient and General Artificial Intelligence*

**Panel Discussion:** AI's Route from Research to Society

**Industry Booths:** Companies and start-ups along the value chain

**Start: 8:30 a.m. – End: 5:45 p.m. - no admission fee – Registration:** [al.krueger@fz-juelich.de](mailto:al.krueger@fz-juelich.de)

All participants arriving the evening before are cordially invited to a

**Welcome Reception Dinner May 24th 6 p.m. at the Forschungszentrum Jülich.**

Livestream and poster download will be provided for registered users.

We are looking forward to your contributions and to seeing you at the event!