

AI Hub Karlsruhe

5-7 October 2022

Networking Event



Overall Program

	05.10.22	06.10.22	07.10.22
09:15	Opening	KIT-An Overview	KCDS Program
09:30	Keynote Lecture	Keynote Lecture	Keynote Lecture
10:30	Networking breaks		
11:00	Session I	Session IV	Session VI
11:30			
12:00			
12:30	Lunch Breaks		
13:30	Session II	AI @ KIT Poster Session & Networking	Session VII
14:00			
14:30			
15:00	Networking	Session V	Networking
15:30	Session III		Session VIII
16:00			
16:30			

Detailed Program

05 October Wednesday

09:20	AI Hub Karlsruhe – Highlights of the Event
09:30	Keynote: Prof. Michael Feindt, KIT
10:30	Networking Break
11:00	Dr. Sebastian Lerch (KIT) <i>Artificial Intelligence for Probabilistic Weather Forecasting</i>
11:30	Renumics: It's the data, stupid! How data-centric AI helps to build robust ML systems for industrial applications - Dr. Stefan Suwelack
12:00	KI Garage: "AI expertise meets entrepreneurial spirit"
12:30	Lunch break
13:30	Dr. Andrea Santamaria Garcia (KIT) <i>Machine Learning for Particle Accelerators</i>
14:00	Dr. Vahid Babaei (Max Planck Institute for Informatics) <i>Data-Driven Functional Fabrication</i>
14:30	Dr. Noémie Jaquier (KIT) <i>Learning, adapting, and sequencing skills for robot manipulation</i>
15:00	Networking & Coffee
15:30	Dr. Rudolf Lioutikov (KIT) <i>Towards Intelligent and Intuitive Robots</i>
16:00	Dr. Wieland Brendel (University of Tübingen) <i>A more principled way towards machines that see the world like humans</i>
16:30	Maddox: Overcoming four Challenges to solve Visual Quality Inspection with Machine Learning - Dr. Wieland Brendel

06 October, Thursday

09:15	KIT – An Overview - Prof. Oliver Kraft
09:30	Keynote: Prof. A. Aldo Faisal
10:30	Networking Break

11:00	Dr. Georg Steinbuß (Universitätsklinikum Heidelberg) <i>Histopathology via Deep Learning</i>
11:30	Meet Neurocat AI: Dr. Holger Trittenbach
12:00	Dr. Ece Özkan Elsen (ETH Zürich) <i>Machine Learning in Healthcare - A Survival Guide</i>
12:30	Lunch break
13:30	“AI @ KIT” Poster Session and Networking
15:00	Dr. Charlotte Debus (KIT) <i>Towards robust and efficient AI at scale</i>
15:30	Dr. Fabian Sinz (University Göttingen) <i>Neuronal Intelligence & Bio-inspired AI</i>
16:00	How apic.ai uses AI to conserve biodiversity through visual pollinator monitoring – Frederic Tausch
16:30	Dr. Gabriele Schweikert (University of Dundee) <i>AI for Bio-Medical Data</i>

07 October, Friday

09:15	Prof. Martin Frank, Scientific Speaker of KIT Center MathSEE and KCDS <i>Meet Graduate School Computational and Data Science KCDS</i>
09:30	Keynote: Prof. Debarghya Ghoshdastidar (TUM) <i>The Myths about Overfitting</i>
10:30	Networking Break
11:00	TT-Prof. Pascal Friederich (KIT) <i>Machine Learning for Accelerated Materials Discovery</i>
11:30	Meet Aimino - Dr.-Ing. Duc Tam Nguyen
12:00	Meet Cyber Valley
12:30	Lunch break
13:30	Dr. Nicole Ludwig (University of Tübingen) <i>Energy Informatics</i>
14:00	Dr. Mehwish Alam (KIT) <i>Machine Learning & Symbolic AI</i>

14:30	Dr. Ruben Bach (Uni Mannheim) <i>When Small Decisions Have Big Impact: The Hidden Consequences of Algorithmic Profiling in Public Service</i>
15:00	Networking Break
15:30	Dr. Markus Götz (Helmholtz AI -KIT) <i>AI Consulting in Energy Research</i>
16:00	Validaitor: Towards Quality Assurance in Machine Learning - Yunus Emrah Bulut
16:30	