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	Session VII
14:00		Poster Session	
14:30		& Networking	
15:00	Networking		Networking
15:30	Session III	Session V	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) *Artificial Intelligence for Probabilistic Weather Forecasting*
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) *Machine Learning for Particle Accelerators*
14:00	Dr. Vahid Babaei (Max Planck Institute for Informatics) *Data-Driven Functional Fabrication*
14:30	Dr. Noémie Jaquier (KIT) *Learning, adapting, and sequencing skills for robot manipulation*
15:00	Networking & Coffee
15:30	Dr. Rudolf Lioutikov (KIT) *Towards Intelligent and Intuitive Robots*
16:00	Dr. Wieland Brendel (University of Tübingen) *A more principled way towards machines that see the world like humans*
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) *Histopathology via Deep Learning*
11:30	Meet Neurocat AI: Dr. Holger Trittenbach
12:00	Dr. Ece Özkan Elsen (ETH Zürich) *Machine Learning in Healthcare – A Survival Guide*
12:30	Lunch break
13:30	"AI @ KIT" Poster Session and Networking
15:00	Dr. Charlotte Debus (KIT) *Towards robust and efficient AI at scale*
15:30	Dr. Fabian Sinz (University Göttingen) *Exploring the brain with functional twins*
16:00	How apic.ai uses AI to conserve biodiversity through visual pollinator monitoring – Frederic Tausch
16:30	Dr. Gabriele Schweikert (University of Dundee) *AI for Bio-Medical Data*

07 October, Friday

09:15	Prof. Martin Frank, Scientific Speaker of KIT Center MathSEE and KCDS *Meet Graduate School Computational and Data Science	KCDS*
09:30	Keynote: Prof. Debarghya Ghoshdastidar (TUM) *The Myths about Overfitting*
10:30	Networking Break
11:00	TT-Prof. Pascal Friederich (KIT) *Machine Learning for Accelerated Materials Discovery*
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) *Energy Informatics*
14:00	Dr. Mehwish Alam (KIT) *Machine Learning & Symbolic AI*

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