



# HeKKSaGOn AI Symposium

## Tuesday, 19 September 2023

### Plenary: Short Presentations I - Emmy Noether Room (13:45 - 15:15)

-Conveners: Stephan Huckemann

time	[id] title	presenter
13:45	[18] Challenge to Modular and Heterogeneous AI Robot System for Lunar Exploration	YOSHIDA, Kazuya
14:05	[14] Maximum Entropy Force Field Refinement	ELTZNER, Benjamin
14:25	[16] AI Usage Cards: Disclosing AI-generated Content in Scientific Work	LIMA RUAS, Terry
14:45	[23] Sticky Flavors in the Space of Phylogenetic Trees	LAMMERS, Lars

### Plenary - Emmy Noether Room (15:45 - 17:15)

-Conveners: Sven Bingert

time	[id] title	presenter
15:45	[15] AI Service Centre for Sensitive and Critical Infrastructures	MÜHLHAUSEN, Stefanie
16:05	[7] Adaptable AI-enabled Robots to Create a Vibrant Society	HIRATA, Yasuhisa
16:25	[8] Embodied intelligence in human-centred robots	MOMBAUR, Katja
16:45	[24] Toward Practical Use of Automated Short Answer Scoring: Challenges and Prospects	FUNAYAMA, Hiroaki

# Wednesday, 20 September 2023

## Plenary - Emmy Noether Room (13:45 - 15:15)

-Conveners: Sven Bingert

time	[id] title	presenter
13:45	[13] Elastic-Net Penalized Quantile Regression for Data Mining Application	ALSAYED, Ahmed
14:05	[20] AI/ML in cardiovascular medicine	FRIEDE, Tim
14:25	[19] Assembling of Modular Components Using "AI-based Teaching-by-Showing" Approach	SALETTA, Alice Violaine
14:45	[25] A Measure of the Complexity of Neural Representations based on Partial Information Decomposition	EHRlich, David Alexander

## Plenary - Emmy Noether Room (15:45 - 17:15)

-Conveners: Ramin Yahyapour

time	[id] title	presenter
15:45	[6] Development of concepts grounded in sensory information	Dr TAMOSIUNAITE, Minija
16:05	[17] Utilization of AI Technology in Dental Practice ~myDentalAI~	HAYAMI, Tomonori
16:25	[26] Infomorphic Networks: A Locally Learning Approach to Neural Computation based on Partial Information Decomposition	SCHNEIDER, Andreas