

Agenda for **Advances in Artificial Intelligence – AI@KI**

Wednesday 18 December 2024, Eva & Georg Klein – BioMedicum

Start	Duration	Topic	Title	Speaker	Organization
13:10	00:05	Welcome and agenda	Professor	Daniel Lundqvist	Karolinska Institutet
13:15	00:10	Opening remarks	Professor, Vice President	Martin Bergö	Karolinska Institutet
13:25	00:10	AI in medical research and education at KI	Professor	Clara Hellner	Karolinska Institutet
13:40	00:15	Advances in AI@KI 2024	Professor	Magnus Boman	Karolinska Institutet
14:00	00:45	Key note lecture: Decoding human cell architectures – from spatial proteomics to AI-powered whole cell modelling	Associate Professor	Emma Lundberg	Stanford University
14:45	00:20	<i>Coffee break</i>			
15:05	00:20	Convolutional neural networks and vision transformers for early cancer detection	MD, PhD student	Dawid Rutkowski	Karolinska Institutet
15:25	00:20	Precision medicine in traumatic brain injury: transforming care with AI-Driven personalized outcome predictions.	Associate Professor	Elham Rostami	Karolinska Institutet
15:45	00:20	Applied Precision Psychiatry – Predictive AI-models to guide psychological treatment	Professor	Viktor Kaldo	Karolinska Institutet
16:10	00:10	Award ceremony: AI@KI 2024 – winner		Leif Lundblad	
16:20	00:15	Awardee's presentation		TBA	
16:35	00:10	Closing remarks	Professor	Anna Martling	Karolinska Institutet
16:45	19:00	<i>Mingle</i>			