

Table of contents

Tuesday 08 July 2025	1
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6th Youth in High-Dimensions: Recent Progress in Machine Learning, High-Dimensional Statistics and Inference & How creative is Generative AI? Perspectives from Science and Philosophy | (smr 4084)

Tuesday 08 July 2025

Contributed talks - Kastler Lecture Hall (AGH) (11:00-13:30)

Chair: Sebastian Goldt (SISSA)

time	title	presenter
11:00	Memorization and Generalization in Generative Diffusion	RAPHAËL URFIN
11:20	An Analytic Theory of Creativity in Convolutional Diffusion Models	MASON KAMB
11:40	The Rich and the Simple: On the Implicit Bias of Adam and SGD	BHAVYA VASUDEVA
12:00	Beyond Scaling Curves: Internal Dynamics of Neural Networks Through the NTK Lens	KONSTANTIN NIKOLAOU
12:30	Lunch	