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CSRC-ICTP Joint Workshop on Big Data, Machine Learning and Complexity Research | (smr 3553)

Thursday 30 July 2020

Session 2. Theory of Machine Learning - Online (10:30-12:00)

Moderators: *Jean Barbier (QLS/ICTP), Haijun Zhou (ITP/CASLL)*

time	title	presenter
10:30	Dynamics of Generative Adversarial Networks in High Dimensional Limit	CHUANG WANG
11:00	Macro and Micro Perspective to Understand Deep Learning: Frequency Principle and Phase Diagram	ZHIQIN XU
11:30	The All-or-Nothing Phenomenon: a Peculiar Phase Transition in Sparse High-Dimensional Inference and Learning	JEAN BARBIER