

Machine Learning in Natural Sciences: from Quantum Physics to Nanoscience and Structural Biology

Monday, 19 September 2022

Nano and Material Science - Seminarraum 1-3 (16:30 - 18:00)

time	[id] title	presenter
16:30	[41] Machine Learning for Accelerated Molecular Discovery	Prof. FRIEDERICH, Pascal
17:15	[14] Robust Image Descriptor for Machine Learning based Data Reduction in Crystallography	Dr RAHMANI, Wahid
17:30	[16] PeakNet: Peak Finding for Serial Crystallography	NAWAZ, Shah

Wednesday, 21 September 2022

Nano and Material Science - Seminarraum 1-3 (16:30 - 18:00)

time	[id] title	presenter
16:30	[49] Autonomous Materials Research and Discovery at NIST	Prof. KUSNE, Aaron Gilad
17:15	[11] Deep Learning for Topological Materials	Dr PŁODZIENÍ, Marcin