

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

Wednesday, 21 September 2022

Molecular Structure Analysis - Seminarraum 1-3 (09:00 - 10:30)

time	[id] title	presenter
09:00	[45] AI Usage in Structural Biology	Dr THORN, Andrea
09:45	[10] Chiral Structure Classification by a Convolutional Neural Network	KASTEN, Peer
10:00	[21] Learning Conductance: Gaussian Process Regression for Molecular Electronics	DEFFNER, Michael

Molecular Structure Analysis - Seminarraum 1-3 (11:00 - 12:30)

time	[id] title	presenter
11:00	[46] OpenFold: Democratizing access to modeling biomolecules and their interactions	Prof. ALQURAIISHI, Mohammed
11:45	[28] Quantum flows neural network for variational solutions of the Schrödinger equation	YACHMENEV, Andrey