

Session Program

19-22 Sept 2022

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

Quantum Phase Transitions

CFEL (Building 99), Seminarraum 1-3
Luruper Chaussee 149 22761 Hamburg Germany

Tuesday 20 September

11:00

Quantum Phase Transitions

Session | **Location:** CFEL (Building 99), Seminarraum 1-3, Luruper Chaussee 149 22761 Hamburg Germany

11:00–11:45

Quantum physics data as a playground for machine learning

Speaker

Dr Evert van Nieuwenburg

11:45–12:15

Circuit complexity through phase transitions and its consequences in quantum state preparation

Speaker

David Zueco

12:30