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# Workshop on Classical and Quantum Machine Learning for Condensed Matter Physics | (smr 3948)

## Thursday 20 June 2024

**Day 2 [To watch Live-Streaming on BRIN YouTube CLICK HERE](https://www.youtube.com/live/fzxl9ciF3_A) - Online (10:00-15:00)**

time	title	presenter
10:00	Keynote Presentation #3	ANDRIYAN BAYU SUKSMONO
11:30	Enhancing quantum utility: simulating large-scale quantum spin chains on superconducting quantum computers	TALAL AHMED CHOWDHURY
11:45	Differentiable Monte Carlo for spin models	TIAGO DE SOUZA FARIAS
12:00	Break	
13:00	Inverse Design Strategies for Topological Photonic States via Neural Networks	MOHAMMED ELAOUNI
13:15	Machine learning prediction of thermal and elastic properties of double half-Heusler alloys	ANTON FILANOVICH
13:30	Hands-on Session #1	MUHAMMAD YUSRUL HANNA