

Spring Workshop

Master Degree in Physics - Materials Physics and Nanoscience
A.Y. 2023-2024





Professor Patrick Rinke
School of Science
Aalto University, Helsinki, Finland





Professor Hendrik Bentmann
Department of Physics
NTNU, Trondheim, Norway



Mon
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MAY



- 9:00 - 11:00  Lecture - Patrick Rinke
Machine Learning in Materials Science - Fast Regressors  BP-1
- 11:00 - 13:00  Lecture - Hendrik Bentmann
Topological insulators and semimetals from an experimentalist's perspective  BP-1
- 14:00 - 17:00  **Students' session**  BP-1

 BP-1 Lecture - Hendrik Bentmann
Spin- and angle-resolved photoelectron spectroscopy for the study of complex materials  9:00 - 10:00

 BP-1 Lecture - Patrick Rinke
Machine Learning in Materials Science - Probabilistic Approaches & Bayesian Optimisation  10:00 - 11:00

 BP-1 Seminar- Hendrik Bentmann
Imaging topological quantum states using circular dichroism in angle-resolved photoemission  11:30 - 12:15

 BP-1 Seminar- Patrick Rinke
Active materials exploration and characterization with Bayesian optimization  12:15 - 13:00

 BP-2B **Students' session**  14:30 - 16:00
Best presentation award and conclusions

Tue
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MAY



Dept. Physics and Astronomy
BP-1: Room 1, Level -1
BP-2B: Room B, Level 2
Viale Berti Pichat 6/2, Bologna

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