SFB – tutorial

Speaker: **Prof. Dr. Maciej M. Maska**
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Date: Monday, 16 January 2023, 12:30, PHY 9.2.01

Topic: Introduction to Machine Learning techniques and their applications in condensed matter physics

Abstract:

In the talk the idea of an artificial neuron and artificial neural networks will be shortly presented. Then, I will discuss the three basic areas of Machine Learning: Supervised Learning, Unsupervised Learning, and Reinforcement Learning. For each of these areas examples of application in physics will be presented.
This tutorial is aimed at a broad audience, from MSc students to professors.

Host: PD Dr. Magdalena Marganska