

## Deep Learning meets Physics

*Tuesday 24 November 2020 14:00 (45 minutes)*

Machine learning has been successfully used in physics research for decades. With the advent of deep learning methods in computer science, a renaissance of machine learning in physics occurred in recent years. The seminar explains the basic ideas of deep learning, distinguishes deep learning from the classic data analysis and classic machine learning approaches and explains concepts and challenges of deep learning applications in particle and astroparticle physics.

**Presenter:** Prof. ERDMANN, Martin (RWTH Aachen University)

**Session Classification:** Tuesday afternoon