



EINLADUNG

zum Vortrag im Rahmen des Seminars des SFB/TRR 31

Freitag, 12. Mai 2017, 11.00 Uhr c.t.

im Raum W30 0-33/34 der Universität Oldenburg (NeSSy) und
Raum H28 / R 2.31 des Med. Campus Magdeburg (per Videoübertragung)

***"Machine learning and AI for the sciences -- towards
understanding"***

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In recent years machine learning (ML) and Artificial Intelligence (AI) methods have begun to play a more and more enabling role in the sciences and in industry.

In particular the advent of large and/or complex data corpora has given rise to new technological challenges and possibilities.

The talk will touch upon the topic of ML applications in sciences, here, in Neuroscience, Medicine and Physics and discuss possibilities for extracting information from machine learning models for furthering our understanding by explaining nonlinear ML models.

Finally briefly perspectives and limits will be outlined.