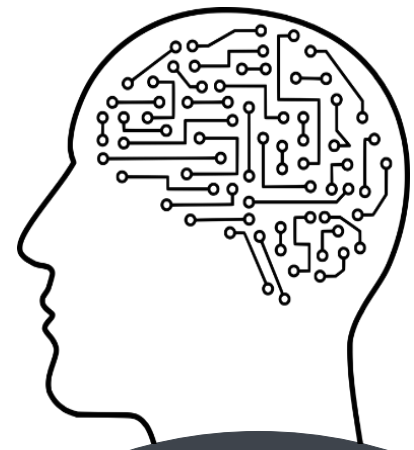


University of Stuttgart
Institut for Materials Science



Artificial Intelligence in Materials Science

A seminar is offered as part of the *modules*
“**Materialwissenschaft im Überblick**” (BSc)
&
“**Advanced Science Seminar**” (MSc).

**Methods of machine learning are
becoming increasingly important in
Materials Science.**

The use in computational materials simulation
in the form of machine learning potentials
might be obvious.

But it has much more potential than that.

Consider automatic image recognition in
microscopy, tomographic reconstruction, the
interpretation of experimental data or
experimental design.

In students' talks we would like to together
learn about these incredible methods while
training our presentation skills.

Summer Term 2022

Regular Meetings:

Fridays @ 14:00, Seminar Rm 2P4

Kick off meeting (distribution of talks)

April 22nd at 14:00 , Seminar Rm 2P4

Beginning of presentations

Mai 20th, 14:00, Seminar Rm 2P4

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The Team of the Materials Physics Department
Prof. Dr. Guido Schmitz