
Kolloquium

Eduard-Zintl-Institut



TECHNISCHE
UNIVERSITÄT
DARMSTADT

Mittwoch, 12. Januar 2022, 17 Uhr c.t.

Zoom-Meeting:

<https://tu-darmstadt.zoom.us/j/88996254998>

Meeting-ID: 889 9625 4998



Frau Dr. Rebecca Pittkowski

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Vortragsthema:

Nanoparticle synthesis of high entropy alloys: material formation and the effect of randomness

High entropy alloy (HEA) catalysis has recently emerged as a new research topic, while so far, HEAs have been mainly used in engineering; displaying exceptional mechanical properties such as hardness, ductility, etc. My talk will focus on the synthesis of noble metal HEA particles through a single-source precursor approach. I will discuss the challenges related to HEA material characterization and address how advanced synchrotron-based techniques can provide new insights into HEA material formation pathways.

Den Studierenden wird die Videokonferenz besonders empfohlen!

Für die Hochschullehrer: Prof. J. J. Schneider, Prof. U. Kramm
