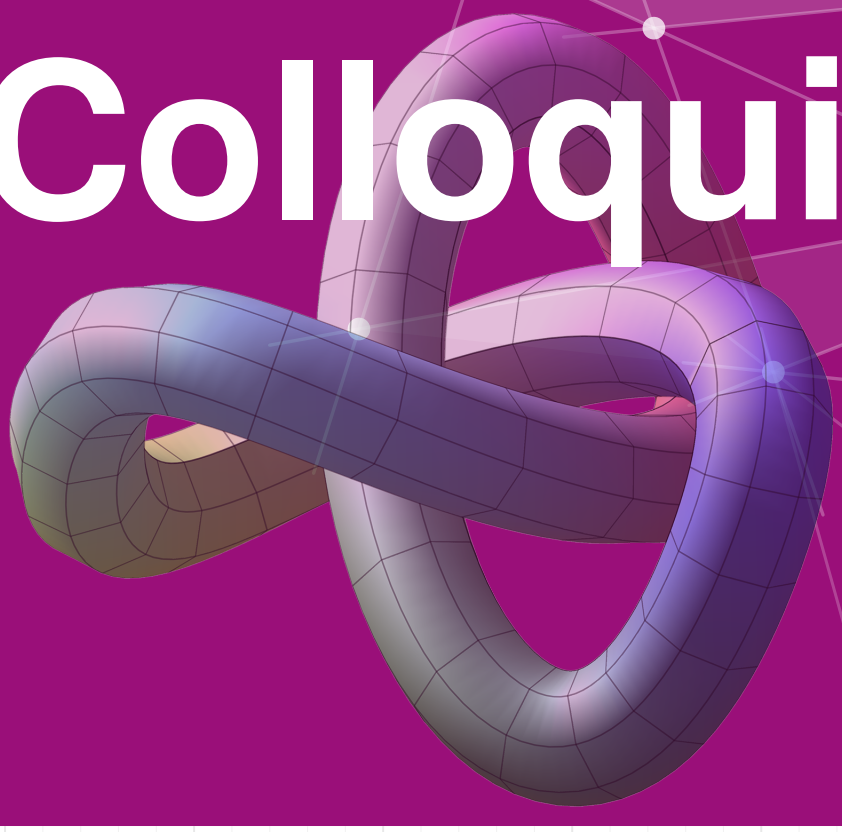
Ruth Moufang Colloquium





Ruth Moufang
(1905 – 1977)

TALK BY

Dr. Marika Kaden

HS Mittweida, University of Applied Sciences

Designing Machine Learning Models Rather Than Just Training Them: A Contribution of Mathematics

Machine learning is often viewed as a data-driven parameter optimization problem, yet mathematics also plays a central role in the design of learning models. Using Generalized Learning Vector Quantization as an example, this talk illustrates how mathematically interpretable model structures enable transparency, robustness, and the integration of domain knowledge, thereby bridging predictive performance and trustworthiness.

DATUM
07.01.2027
Donnerstag

UHRZEIT
15:30 Uhr

ORT
C10.U04

Mathematik!
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Foto: Quelle unbekannt