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Helmholtz AI Consulting for Matter Research

Monday 3 November 2025 19:00 (3 minutes)

The Helmholtz AI consultant teams can provide support with their deep expertise in applied AI, tools and software engineering for research projects. Working with our consultants comes at no cost, as collaborations are entirely scientific. Matter research at Helmholtz is a vast and heterogeneous academic field driven by experiment and simulation of unprecedented scale and quality. The Helmholtz AI consultant team led by Peter Steinbach supports these in extracting knowledge from image (radiograms or microscopy images) or table like datasets (Xray scattering, accelerator monitoring). Furthermore, we are invested in Uncertainty Quantification and Simulation-Based Inference as well as studying how large language models deal with physics data.

Speed talk:

I am unwilling/unable to present a speed talk

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