Carl-Zeiss-Stiftung Summer School on Scientific Machine Learning

- Interdisciplinary, highly interactive school on ML4Science with focus on astrophysics
- Collaborative research between AI developers and astrophysicists to kick-start new and fascinating science projects
- Well balanced mix of invited talks and plenty of free time for collaborative research, discussions and tutorials

Target Audience

Young researchers in the field of computer science, ML/AI, astrophysics or related

Science Keywords

Neural ODEs, invertible generative models, graph representation learning, information field theory

Invited Speakers

Nathan Kutz (U. of Washington, Seattle)
Torsten Enßlin (MPI for Astrophysics, Munich)
Patrick Kidger (Google X)
Laurence Perreault Levasseur (U. of Montreal)
Kaze Wong (Flatiron Institute, NY)
Andreea Deac (Mila, Montreal)
Christina Winkler (TU Munich)
Christopher Rackauckas (MIT)

Scientific Organizing Committee

Tobias Buck (IWR, Heidelberg)
Soledad Villar (Johns Hopkins U., Baltimore)
Aura Obreja (University Observatory Munich)
Morgan Fouesneau (MPI for Astronomy Heidelberg)

August 14–18, 2023

Mathematikon • Im Neuenheimer Feld 205 • 69120 Heidelberg
https://astroai-lab.de/conferences/czs-school-2023/