

SCIML IN THE REAL WORLD

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MINISYMPOSIUM

As scientific machine learning (SciML) matures we need to move from proof-of-concept training SciML models from data rich sources, such as other models, to more limited sources, e.g. limited modality experimental data. We solicit talks on training techniques and models suitable for generating effective representations of experimental and expensive, high fidelity simulation data.

Contributions including:

- sparsity-inducing
- multifidelity
- symmetry preserving
- optimal sampling/experimental design

techniques are encouraged, particularly those that combine these and/or related approaches.