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Designing Structure-Preserving Deep Learning: Insights from Analysis

Wednesday, 22 October 2025 10:00 (1 hour)

I will discuss some of our recent works on structure-preserving deep learning for the design of neural networks with specific properties - such as non-expansiveness or 1-Lipschitz regularity - and their application to imaging and to the solution of partial differential equations.

Primary author: SCHÖNLIEB, Carola Bibiane (University of Cambridge)

Presenter: SCHÖNLIEB, Carola Bibiane (University of Cambridge)