

# INVITATION TO A GUEST LECTURE

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**Carola-Bibiane Schönlieb**

(University of Cambridge, UK)

**“Some topics in structure preserving deep learning”**

📍 Z.1.29

📅 Wednesday, 2 July 2025

🕒 10:00 a.m.

## **Abstract**

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 mass conservation - and their application to imaging and to the solution of partial differential equations.

Elena Resmerita and the Department of Mathematics look forward to seeing you at the talk!