



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA | DEPARTMENT
OF MATHEMATICS



BOLOGNA
JUNE 3-11, 2025

INTERNATIONAL PH.D. SUMMER SCHOOL

MATHEMATICS AND MACHINE LEARNING FOR IMAGE ANALYSIS

Courses and lecturers:

Regularisation theory coupled with machine learning

Martin Benning

University College London, London, United Kingdom

Applications of inverse problems in imaging

Andreas Hauptmann

University of Oulu, Oulu, Finland

Bayesian imaging sciences: methods and algorithms

Marcelo Pereyra

Heriot-Watt University, Edinburgh, United Kingdom

Prior learning for solving inverse problems

Thomas Pock

Graz University of Technology, Graz, Austria



Organization:
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UNIMORE, Italy

Matteo Santacesaria
UNIGE, Italy

42 hours - 4 ECTS

Students Funding: 

Detailed Info, Program and Registration:

site.unibo.it/mml-imaging

