ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
DEPARTMENT OF MATHEMATICS

UMI   MiVA

**Bologna
June 4-12, 2024**

International Ph.D. Summer School

Mathematics and Machine Learning for Image Analysis

Courses and lecturers:

Introductory Machine Learning
Lorenzo Rosasco
Università di Genova, Italy

Numerical optimization methods in imaging
Jean-Christophe Pesquet
Université Paris-Saclay, France

Optimization based machine learning for computational imaging
Ulugbek Kamilov
Washington University in St. Louis, USA

Functional optimization methods for machine learning
Michaël Unser
EPFL, Lausanne, Switzerland

Modeling Signal-Dependent and Correlated Noise in Imaging
Alessandro Foi
Tampereen yliopisto, Finland

Organization:
Luca Calatroni
CNRS - I3S, France

Marco Donatelli
UNINSUBRIA, Italy

Alessandro Lanza
UNIBO, Italy

Serena Morigi
UNIBO, Italy

Marco Prato
UNIMORE, Italy

Matteo Santacesaria
UNIGE, Italy

42 hours - 4 ECTS

Students Funding: Erasmus+

Detailed Info, Program and Registration:
site.unibo.it/mathematical-ml-imaging