



UNIVERSITÀ
di VERONA

Dipartimento
di INFORMATICA



MATHEMATICS & DATA SCIENCE

minicourses 2025 / 26 – first semester

● **Thorsten Altenkirch**

University of Nottingham, UK

Introduction to Type Theory

25 October – 1 November

✉ petermichael.schuster@univr.it

● **Mauro Dalla Mura**

Grenoble INP, FR

**Image restoration: from model
to learning based techniques**

27 – 31 October

✉ giandomenico.orlandi@univr.it

● **Davide Murari**

University of Cambridge, UK

Neural Networks as Dynamical Systems

10 – 14 November

✉ nicola.sansonetto@univr.it

● **David N. Raynolds**

University of Warsaw, PL

**Synchronization of coupled oscillators
in biological and artificial networks**

17 – 20 November

✉ giacomo.albi@univr.it

● **Giulia Cavicchioni**

German Aerospace Center, DE

An Introduction to Code-Based Cryptography

17 – 30 November

✉ francesca.mantese@univr.it

● **Giada Fiandaca**

INRIA Marseille, FR

**Mathematical Oncology: Developing Multiscale
Tools to Support Tumour Treatment**

27 November – 4 December

✉ giandomenico.orlandi@univr.it

● **Walter Boscheri**

CNRS, Savoy Mont Blanche, FR

Semi-implicit schemes for compressible flows

9 – 11 December

✉ elena.gaburro@univr.it

● **Matteo Spadetto**

LS2N - University of Nantes, FR

**Introduction to category theory
(and categorical logic)**

17 – 27 November

✉ petermichael.schuster@univr.it

● **Marcello Carioni**

University of Twente, NL

**Optimal Transport and applications
to Machine Learning**

14 – 16 December

✉ giandomenico.orlandi@univr.it

● **Dante Kalise**

Imperial College, UK

**Computational methods
for data-driven optimal control**

15 – 18 December

✉ giacomo.albi@univr.it



Mathematics & Data Science Teaching Committee: master.math@ateneo.univr.it

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