



**ICMU**

INTERNATIONAL CENTRE  
FOR MATHEMATICS  
IN UKRAINE



## ICMU SUMMER SCHOOL

# OPTIMAL TRANSPORT AT THE INTERFACE OF ANALYSIS, PROBABILITY, SCIENTIFIC COMPUTING AND MACHINE LEARNING

4 - 8 August 2025

### VENUE

Ukrainian Catholic University (UCU), Lviv, Ukraine

This school aims to give an introduction to the research area of optimal transport by exploring the analytical, probabilistic, geometrical, computational, and statistical aspects of the theory. We will also discuss applications in natural sciences (e.g., theoretical chemistry, computational biology) and machine learning. The school will include hand-on practical tutorials.

### LECTURE SERIES

Augusto GEROLIN, *University of Ottawa*

Nataliia MONINA, *University of Ottawa*

Lorenzo PORTINALE, *University of Milan*

Georgii RIABOV, *NAS of Ukraine & NTUU  
"Igor Sikorsky Kyiv Polytechnic Institute"*

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INFORMATION AND APPLICATION

**ICMU.UA**

deadline 15 April 2025



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