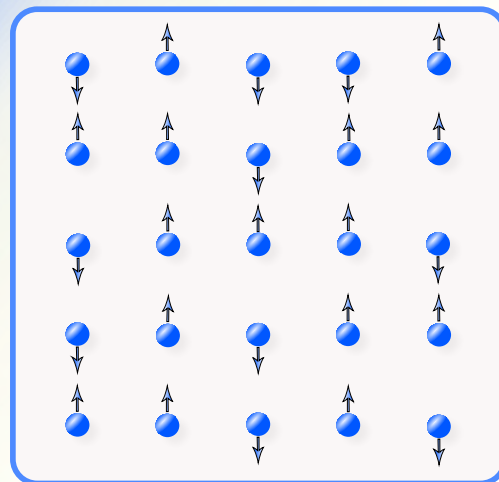


ISING LECTURES 2025

27th Annual Workshop
on Critical Phenomena and Complex Systems
Lviv, Ukraine, May 13-15



Dedicated to the centenary of the Ising model and the 100th anniversary of the birth of Ihor Yukhnovskii, the founder of the Lviv school of statistical physics.

Tuesday, May 13

Time is given in Kyiv time zone = CEST +1



Jean-Philippe Bouchaud
Capital Fund Management,
École Polytechnique and
Académie des sciences
Paris, France

15:00-15:10 - Opening

15:10-15:50 - Yuriy Holovatch (ICMP Lviv)

*TO THE CENTENNIAL ANNIVERSARIES — ABOUT PHYSICS
AND BEYOND*

16:00-16:50 - Jean-Philippe Bouchaud

COMPLEX SYSTEMS APPROACH TO ECONOMICS. I

17:00-17:50 - Jean-Philippe Bouchaud

COMPLEX SYSTEMS APPROACH TO ECONOMICS. II



Gemma De les Coves
Universitat Pompeu Fabra and
Institut de Recerca
i Estudis Avançats
Barcelona

Wednesday, May 14

15:00-15:50 - Gemma De les Coves

*THE ISING MODEL IN LIGHT OF THE UNIVERSALITY OF
SPIN MODELS AND TURING MACHINES. I*

16:00-16:50 - Gemma De les Coves

*THE ISING MODEL IN LIGHT OF THE UNIVERSALITY OF
SPIN MODELS AND TURING MACHINES. II*

17:00-17:50 - Erwin Frey

EMERGENCE AND SELF-ORGANIZATION IN BIOLOGICAL SYSTEMS. I



Erwin Frey
Ludwig-Maximilians-Universität München
Munich, Germany

Thursday, May 15

15:00-15:50 - Erwin Frey

EMERGENCE AND SELF-ORGANIZATION IN BIOLOGICAL SYSTEMS. II

16:00-16:50 - Romualdo Pastor-Satorras

THE COMPLEXITY OF MOVING ANIMALS. I

17:00-17:50 - Romualdo Pastor-Satorras

THE COMPLEXITY OF MOVING ANIMALS. II

17:50-18:00 - Closing



Romualdo Pastor-Satorras
Universitat Politècnica de Catalunya
Barcelona, Spain



Organized by the Institute for Condensed
Matter Physics of the National Academy
of Sciences of Ukraine.

For more details visit our website:
<https://icmp.lviv.ua/ising>

