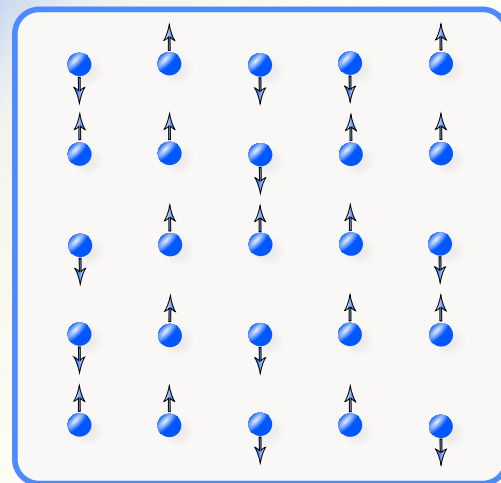


ISING LECTURES 2023

25th Annual Workshop
on Critical Phenomena and Complex Systems

Lviv, Ukraine, May 9-11

online on the **Jitsi Meet** platform



Karoline Wiesner
University of Potsdam
Potsdam, Germany



Jin Wang
Stony Brook University
New York, USA



Marc Barthelemy
Paris-Saclay University
Gif-sur-Yvette, France



Rafael Prieto-Curiel
Complexity Science Hub Vienna
Vienna, Austria



Nir Gov
Weizmann Institute of Science
Rehovot, Israel



Uwe C. Täuber
Virginia Polytechnic Institute
and State University
Blacksburg, USA

Tuesday, May 9

Time is given in Kyiv time zone = CET +1

15:00-15:15 - Opening

15:15-16:30 - Karoline Wiesner

*TRANSITIONS BETWEEN POLITICAL REGIME TYPES IN
THE 20TH CENTURY: UNDERSTANDING POLITICAL-SCIENCE DATA
WITH COMPLEXITY SCIENCE*

16:45-18:00 - Jin Wang

NONEQUILIBRIUM PHYSICS IN BIOLOGY

Wednesday, May 10

15:00-16:15 - Marc Barthelemy

STOCHASTIC EQUATIONS AND CITY GROWTH

16:30-17:45 - Rafael Prieto-Curiel

QUANTIFYING THE MORPHOLOGY OF AFRICAN CITIES

Thursday, May 11

15:00-16:15 - Nir Gov

*INTEGRATED ISING MODEL FOR DECISION MAKING IN THE BRAIN:
BEYOND DRIFT-DIFFUSION*

16:30-17:45 - Uwe C. Täuber

STOCHASTIC SPATIAL LOTKA-VOLTERRA PREDATOR-PREY MODELS

17:45-18:00 - Closing



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Bundesministerium
für Bildung
und Forschung



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

A link to join the meeting will be given on
our website: www.icmp.lviv.ua/ising/

