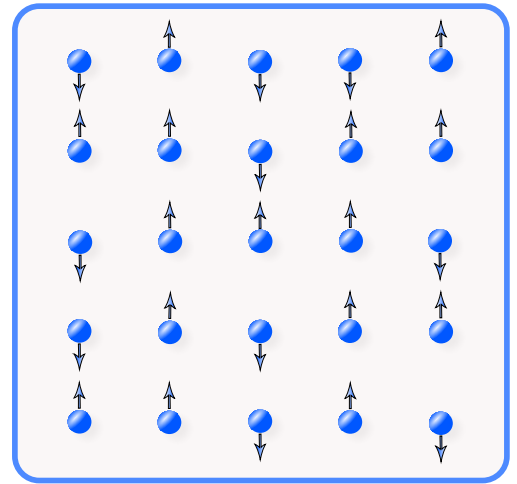


ISING LECTURES 2022

24th Annual Workshop
on Phase Transitions and Critical Phenomena

Lviv, May 17-19

ICMP NAS of Ukraine
online on the **MS Teams** platform



Viktoria Blavatska
ICMP NAS of Ukraine
Lviv, Ukraine

Tuesday, May 17

time is given in Kyiv time zone = CET+1

15:00-15:15 - Opening

15:15-16:30 - Viktoria Blavatska

*SIZE AND SHAPE PROPERTIES OF COMPLEX MACROMOLECULES:
ANALYTICAL AND NUMERICAL APPROACHES*

16:45-18:00 - Benjamin Maier

*THE ROLE OF COMPLEXITY SCIENCE AND MATHEMATICAL
MODELLING IN FIGHTING THE PANDEMIC*



Benjamin Maier
Humboldt University of Berlin
Robert Koch Institute
Berlin, Germany



Lucas Böttcher
Frankfurt School of
Finance & Management
Frankfurt, Germany

Wednesday, May 18

15:00-16:15 - Lucas Böttcher

*APPLICATIONS OF ARTIFICIAL NEURAL NETWORKS IN
STATISTICAL MECHANICS AND NON-LINEAR DYNAMICS*

16:30-17:45 - Joseph Yose

*OSSIAN'S SOCIAL NETWORKS HELP US UNDERSTAND
THE INDUSTRIAL WORLD*



Joseph Yose
Coventry University
Minitab
Coventry, UK

Thursday, May 19

15:00-16:15 - Bertrand Berche

*KALB-RAMOND CLASSICAL FIELD THEORY IN CURVED
SPACETIMES*

16:30-17:45 - Reinhard Folk

*OPEN PROBLEMS TREATED BUT NOT PUBLISHED IN ISING THESIS
(DISCUSSION)*



Bertrand Berche
University of Lorraine
Nancy, France



Reinhard Folk
Johannes Kepler University
Linz, Austria

17:45 - Closing

