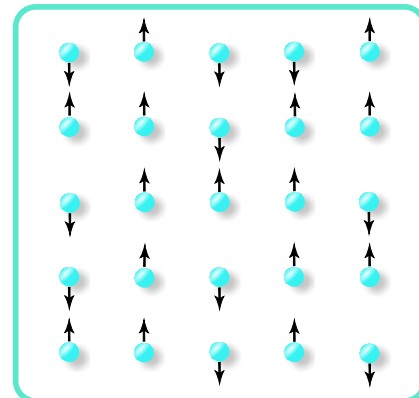


# ISING LECTURES 2021

23rd Annual Workshop  
on Phase Transitions and Critical Phenomena

**Lviv, May 18-20**

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



Reinhard Folk  
Institute for Theoretical Physics,  
University Linz, Austria



Bertrand Berche  
Lorraine University,  
Nancy, France



Jonathan F. Donges  
Potsdam Institute for Climate  
Impact Research, Potsdam Germany



Ralph Kenna  
Coventry University, Coventry,  
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Pawel Romanczuk  
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Humboldt Universität zu Berlin,  
Berlin, Germany



Winnie Poel  
Institute for Theoretical Biology,  
Humboldt Universität zu Berlin,  
Berlin, Germany



Luis Gomez  
Institute for Theoretical Biology,  
Humboldt Universität zu Berlin,  
Berlin, Germany

**Tuesday, May 18** (time is given in Kyiv time zone = CET+1)

14:30-14:45 Opening

14:45-15:45 Reinhard Folk

*The Survival of Ernst Ising and the Struggle to Solve His Model.1*

16:00-17:00 Bertrand Berche

*Phase Transitions Above the Upper Critical Dimension.1*

17:15-18:15 Bertrand Berche

*Phase Transitions Above the Upper Critical Dimension.2*

**Wednesday, May 19** (time is given in Kyiv time zone = CET+1)

14:30-15:30 Jonathan F. Donges

*Statistical Physics Analysis of Complex Social-Ecological Systems*

15:45-16:45 Ralph Kenna

*The Impact of Impact in an Increasingly Managed Academic World*

17:00-18:00 Reinhard Folk

*The Survival of Ernst Ising and the Struggle to Solve His Model.2*

**Thursday, May 20** (time is given in Kyiv time zone = CET+1)

14:30-15:30 Pawel Romanczuk

*Self-Organization and Functions in Flocks and Schools*

15:45-16:45 Winnie Poel

*Subcritical Collective Escape Waves in Fish*

17:00-18:00 Luis Gomez

*Informational Spread Enhanced by Criticality in High-Responsive Groups of Fish*

18:00 Closing



Bundesministerium  
für Bildung  
und Forschung



Lviv  
Convention  
Bureau



МІНІСТЕРСТВО  
ОСВІТИ І НАУКИ  
УКРАЇНИ



A link to join the MS Teams meeting will be  
given on our site: <http://www.icmp.lviv.ua/ising/>