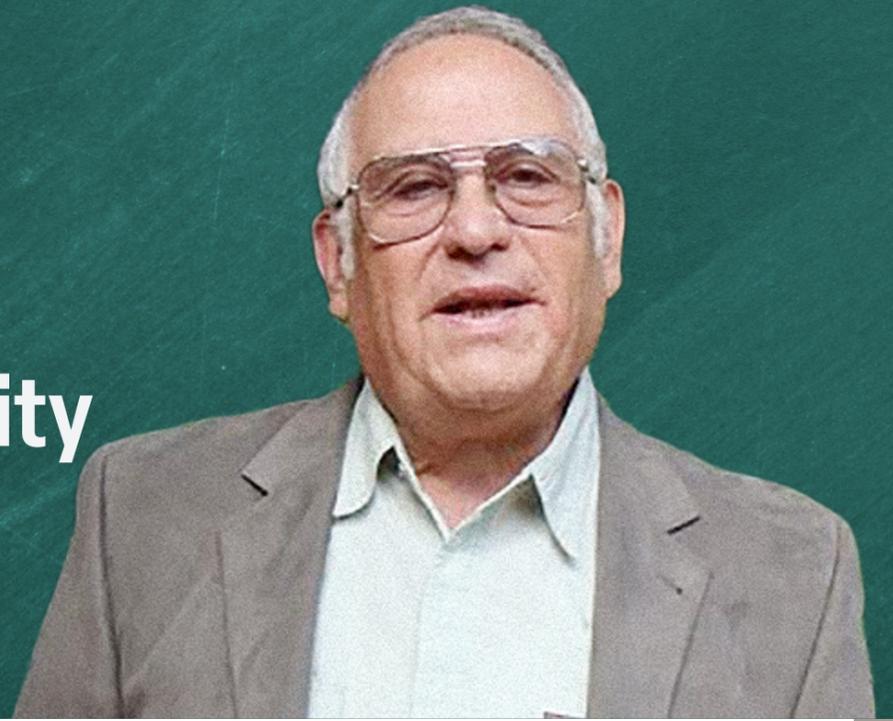




BRIN MATHEMATICS  
RESEARCH CENTER

# Workshop: Modern Topics in Probability

OCTOBER 17 - 21, 2022



## Speakers

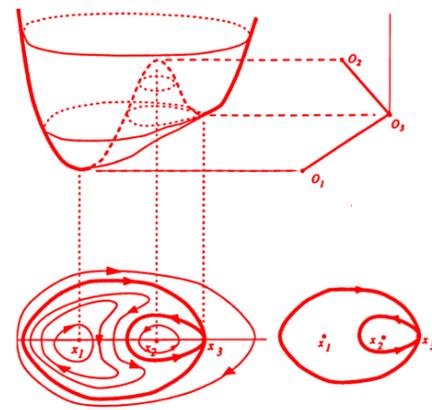
Yuri Bakhtin, NYU  
Gerard Ben Arous, NYU  
Zdzislaw Brzezniak, University of New York  
Amarjit Budhiraja, UNC Chapel Hill  
Amir Dembo, Stanford University  
Barbara Gentz, Bielefeld University  
Massimiliano Gubinelli, Bonn University / Oxford  
Wenqing Hu, Missouri University S&T  
Konstantin Khanin, University of Toronto  
Davar Khoshnevisan, University of Utah  
Yuri Kifer, Hebrew University  
Elena Kosygina, Baruch College  
Nikolai Krylov, University of Minnesota  
Xue-Mei Li, Imperial College  
Stanislav Molchanov, UNC Charlotte  
James Nolen, Duke University  
Lenya Ryzhik, Stanford University  
Michael Salins, Boston University  
Marta Sanz-Solé, Universitat de Barcelona  
Scott Smith, Chinese Academy of Science  
Isaac Sonin, UNC Charlotte  
Panagiotis Souganidis, University of Chicago  
Konstantinos Spiliopoulos, Boston University  
Lorenzo Zambotti, Sorbonne Université  
Ofer Zeitouni, Weizmann Institute / NYU

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## About the Workshop



The goals of this conference are to bring together some of the leading experts in stochastic analysis and PDEs, dealing in particular with the study of the asymptotic properties of stochastic systems with multiple scales, to present their recent research and exchange ideas, and to provide an opportunity for graduate students and young researchers to be exposed to these fields. This conference will be also an occasion to celebrate Mark Freidlin and his many fundamental contributions to the study of various aspects of the theory of random perturbations of dynamical systems.

## Organizers

Sandra Cerrai, University of Maryland  
Dima Dolgopyat, University of Maryland  
Yu Gu, University of Maryland  
Leonid Korolov, University of Maryland



DEPARTMENT OF  
MATHEMATICS