



Summer School: Partial Hyperbolicity & Related Topics

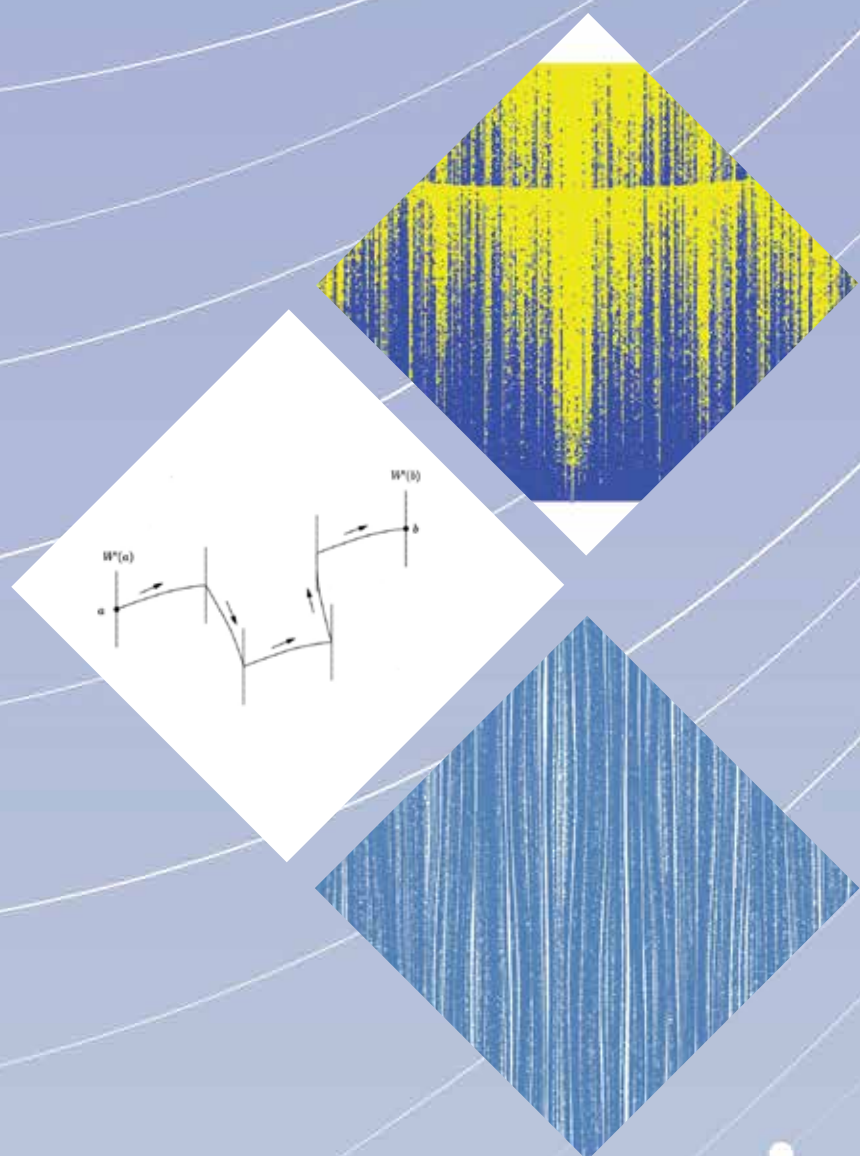
May 30, 2023 - June 9, 2023

Organizers

Dimtry Dolgopyat, University of Maryland
Amie Wilkinson, University of Chicago
Federico Rodriguez Hertz, Penn State University

Speakers

Aaron Brown, Northwestern University
David Burguet, Sorbonne University
Mark Demers, Fairfield University
Adam Kanigowski, University of Maryland
Carlangelo Liverani, University of Rome Tor Vergata
Davi Obata, University of Chicago
Victoria Sadovskaya, Penn State University
Kurt Vinhage, University of Utah



Partial and non uniform hyperbolicity were introduced about 50 years ago and provide a powerful tool for understanding statistical properties of dynamical systems, especially in high dimensions. Recent years saw powerful applications of these theories to chaos theory, rigidity theory, geometry, and number theory. The goal of the school is to describe the recent progress in these areas. Areas covered in the school include statistical properties, spectral methods, as well as applications to rigidity theory and mathematical physics.

Application Deadline for Best Consideration
March 20, 2023

<https://www.mathprograms.org/db/programs/1443>

