INSTITUTE FOR PURE AND APPLIED MATHEMATICS

Los Angeles, California



Graduate Summer School: Mean Field Games and Applications

June 18-29, 20)18	8
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Organizing Committee

David Ambrose (Drexel University), **Wilfrid Gangbo** (University of California, Los Angeles), and **Ryan Hynd** (University of Pennsylvania)

-Scientific Overview

The summer school, Mean Field Games and Applications, will offer a series of lectures that aims to introduce graduate students and postdocs to this recently accessible and fast growing area. The main goals of the summer school are: (i) To introduce students and postdocs to Mean Field Games and certain cognate areas through lectures by leading researchers; (ii) To make available to the wider mathematical community a series of broad-interest talks on mean field games; (iii) To provide a collaborative environment that is welcoming to underrepresented minorities and women and which brings scientists together with trainees from varied backgrounds.

-Confirmed Speakers

Yves Achdou (Université de Paris VII and Université de Paris VI), **Tamer Basar** (University of Illinois, Urbana-Champaign), **Yann Brenier** (Université de Nice Sophia Antipolis), **Pierre Cardaliaguet** (Université de Paris IX), **Daniel Lacker** (Columbia University), **Hamidou Tembine** (New York University), **Marie-Therese Wolfram** (Johann Radon Institute for Computational and Applied Mathematics)

Participation

This summer school will provide a rare opportunity for researchers in mathematics, computer science, engineering, and related sciences to learn about recent research directions and future challenges in this area. Funding is available to support graduate students and researchers in the early stages of their career, as well as more senior researchers interested in undertaking new research in this area. Encouraging the careers of women and minority mathematicians and scientists is an important component of IPAM's mission, and we welcome their applications. The application is available online, and is due March 15, 2018.

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