Houston Summer School on Dynamical Systems

Houston, Texas
May 16-24, 2018

For the sixth consecutive year, the Department of Mathematics at the University of Houston will host a Summer School on Dynamical Systems.

The school will run from May 16-24, 2018 and will introduce graduate students to some of the fundamental concepts of dynamical systems and applications through short lecture courses, tutorial and discussion sessions, and student projects. A limited number of participant spots are reserved for advanced undergraduate students, who will start preparatory sessions on May 14th.

Lecturers:

Joanna Furno, Alan Haynes (University of Houston)
Matthew Nicol, Will Ott, Andrew Török (University of Houston)
David Damanik (Rice University)
Vaughn Climenhaga (University of Houston)
Anna Vershynina (University of Houston)
Seonhee Lim (Seoul National University)

Short Course topics include:

* Basics of Ergodic Theory
* Statistical Properties in Hyperbolic Dynamics
* Dynamical Approaches to the Spectral Theory of Operators
* Statistical Mechanics and Thermodynamic Formalism
* Dynamics of Quantum Spin Systems
* Dynamics on Homogeneous Spaces, with Applications to Number Theory

Additional information and application instructions: https://www.math.uh.edu/dynamics/school/school2018

Application deadline: February 28, 2018

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