

Houston Summer School on Dynamical Systems

Houston, Texas
May 30–June 6, 2019

For the seventh 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 30–June 6, 2019 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 28th.

Lecturers:

Joanna Furno, Alan Haynes (*University of Houston*)

Vaughn Climenhaga (*University of Houston*)

Matthew Nicol, William Ott, Andrew Török (*University of Houston*)

Jana Rodriguez Hertz (*Southern University of Science and Technology*)

Jake Fillman (*Virginia Tech*)

Rodrigo Treviño (*University of Maryland*)

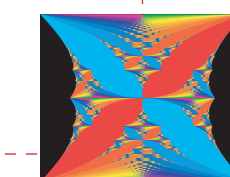
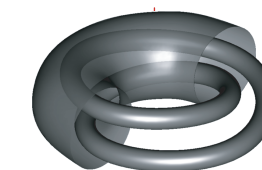
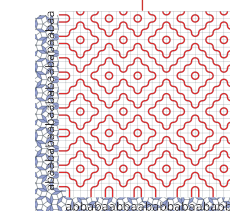
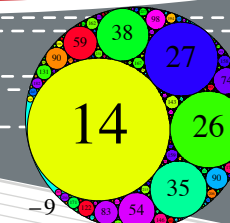
Additional information and application instructions:

<https://www.math.uh.edu/dynamics/school/school2019>

Application deadline: March 1, 2019

Short Course topics include:

- * Basics of Ergodic Theory
- * Uniformly Hyperbolic Systems
- * Statistical Properties in Hyperbolic Dynamics
- * Elements of Pesin Theory
- * Introduction to Quantum Walks
- * Bratteli Diagrams, Flat Surfaces and the Hierarchical Structure of Minimal Systems



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