Dealing with Chaos

Dynamicists have been occupied by a question since Isaac Newton’s era: given a system that evolves in time, what can be said about its behavior over long time scales? Since Newton’s day, our understanding of the question has changed significantly with the discovery of chaos and its presence even in some of the simplest situations.

In this public lecture, Avila will reflect on how his field has changed over time, and examine current questions at the forefront of dynamical systems theory.

Isabel Bader Theatre
93 Charles Street West
Toronto, ON

FREE EVENT • REGISTRATION REQUIRED
FOR MORE DETAILS VISIT OUR WEBSITE
fields.utoronto.ca/activities/19-20/fieldsmedalsym-opening

Join us for the Public Opening of the 2019 Fields Medal Symposium (FMS), featuring a general public lecture by Artur Avila (2014 Fields Medal). Welcome and introductions by distinguished guests from academia:

- Alejandro Adem, President, The Natural Sciences and Engineering Research Council of Canada
- Vivek Goel, Vice-President, Research and Innovation, and Strategic Initiatives, University of Toronto
- Andrei Okounkov, Professor, Columbia University (2006 Fields Medal)
- Marcelo Viana, Director, Instituto Nacional de Matemática Pura e Aplicada

The 2019 FMS will honor Artur Avila and explore the current and potential impact of his work. Fields Medals are awarded every four years by the International Mathematical Union to the most distinguished mathematicians age 40 or under. In the absence of a Nobel Prize in mathematics, they are regarded as the highest professional honor a mathematician can attain.

The Fields Institute holds the FMS annually to showcase and celebrate the work of a Fields Medalist. The goal of the Public Opening is to provide an opportunity for the general public to enjoy, learn from, interact with, and be inspired by the “rock stars” of mathematics.