

PRIZE WORK OF ARTUR AVILA

Regular or stochastic dynamics in real analytic families of unimodal maps, (joint with Mikhail Lyubich and Wellington de Melo), *Inventiones Mathematicae* **154** (2003), 451-550.

Statistical properties of unimodal maps: the quadratic family, joint with C. G. Moreira, *Annals of Mathematics* **161** (2005), 831-881.

Reducibility or non-uniform hyperbolicity for quasiperiodic Schrödinger cocycles, joint with Raphaël Krikorian, *Annals of Mathematics* **164** (2006), 911-940.

Weak mixing for interval exchange transformations and translation flows, joint with Giovanni Forni. *Annals of Mathematics* **165** (2007), 637-664.

Simplicity of Lyapunov spectra: proof of the Zorich-Kontsevich conjecture, joint with Marcelo Viana, *Acta Mathematica* **198** (2007), 1-56.

SCHEDULE OF THE PRIZE SESSION

MIKHAIL LYUBICH *On the prize work of Artur Avila on one-dimensional dynamics*

RAPHAËL KRIKORIAN *On the work of Artur Avila on quasi-periodic Schroedinger operators*

GIOVANNI FORNI *On the prize work of Artur Avila on Teichmueller dynamics and interval exchange transformations*