From elliptic islands to hyperbolic waves

Celebrating Pedro Duarte's 60th birthday

Conference: 29 and 30 of August 2022 (PUC-Rio)
EDAÍ seminar: 2 of September 2022 (UFRJ)

Some of the topics covered in this meeting are: the standard map with its challenges, including the existence of elliptic islands; isospectral reduction theory and stationary measures on infinite graphs; hyperbolic billiards; statistical properties of linear cocycles presenting hyperbolic waves, as well as positivity and continuity of their Lyapunov exponents.

Invited speakers:

Artur Avila
Lucas Backes
Alexandre Baraviera
Pierre Berger
Leonid Bunimovich
Pablo Carrasco
João Lopes Dias
Xiao-Chuan Liu
Karina Marin
Vilton Pinheiro
Mauricio Poletti
Longmei Shu
Sergey Tikhomirov
Marcelo Viana
Caroline Wormell

Organizing committee:

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