



## Mathematics and CS Seminar

# Introduction to the problem of spectral rigidity for Chaotic billiards

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In 1990 Otal and Croke independently proved that the marked length spectrum of a geodesic flow on a surface of negative curvature determines its Riemannian structure up to isometries. The goal of this talk will be to introduce the same problem for chaotic billiards and to present a 'toy model' for this problem with the idea that this simplified model could shed light on the original problem.

**Wednesday, May 30, 2018 10:00am - 12:00pm**

Foyer seminar room Ground floor / Office Bldg West (I21.EG.128)



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station. Please find a schedule of the ISTA Shuttle on our webpage: <https://ista.ac.at/en/campus/how-to-get-here/> The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.