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Online talk series

It is a pleasure to announce a guest lecture with the title

OPUC: Simon's Hausdorff dimension conjecture

(Joint work with Shuzheng Guo, Darren Ong)

SPEAKER: David Damanik

TIME: Wednesday, 04.11.2020, 4:00 – 5:00 pm.

Abstract: We show that the Szegő matrices associated with Verblunsky coefficients satisfying a weighted square-summability condition are bounded for values outside a set of Hausdorff dimension bounded in terms of the quantitative nature of the assumption. This proves the OPUC Hausdorff dimension conjecture of Barry Simon from 2005.

The talk series is supported by the **FWF Special Research Program (SFB) Quasi-Monte Carlo Methods: Theory and Applications** and partly funded by the Austrian Science Fund FWF, **Project No. J 4138-N32**.