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.