

HARVARD UNIVERSITY
17 Oxford Street
Cambridge, MA 02138



Tuesday, May 26, 2020, at 10:00 (Boston)
15:00 (UK/Eire) 16:00 (C.Europe) 22:00 (China)

Mathematical Picture Language Seminar
Zoom at: <https://harvard.zoom.us/j/779283357>

“From Archimedes to Quantum Supremacy”
Scott Aaronson, University of Texas at Austin

Abstract: I’ll tell a mathematical story that runs from Archimedes’ hat-box theorem of ~200BC (which he used to calculate the surface area of the sphere), to the properties of “Porter-Thomas” probability distributions, all the way to my and others’ work establishing the theoretical foundations of Google’s quantum supremacy experiment from this past fall. While this admittedly has little to do with mathematical picture languages, there will be pictures of spheres.

