**LIOR SILBERMAN**, The University of British Columbia
*Arithmetic Quantum Unique Ergodicity on Hyperbolic spaces*

I will report on progress toward the Arithmetic Quantum Unique Ergodicity (AQUE) Conjecture for locally symmetric spaces, that is on the equidistribution problem for Hecke–Maass forms, specifically in the case of hyperbolic 3-space and 4-space, in joint work with Z. Shem-Tov.