

Invited Speaker, Room N-615
Wednesday, May 22, 15:00–15:30

Archimedean fibers and non-commutative geometry

Katia Consani (kc@math.toronto.edu)

*University of Toronto
Department of Mathematics
100 St. George Str.
Toronto, ON M5S 3G3 Canada*

Abstract. In the talk I will explain how the choice of a Schottky uniformization of a Riemann surface enriches the archimedean cohomology of an arithmetical surface with the structure of a Connes spectral triple. (The talk reports some results of a recent joint work with M. Marcolli, MPI-Bonn)

