Contribution ID: **13** Type: **not specified**

Square root p-adic L-functions

Thursday, 17 October 2019 09:30 (1 hour)

The Ichino-Ikeda conjecture, and its generalization to unitary groups by N. Harris, has given explicit formulas for central critical values of a large class of Rankin-Selberg tensor products. Although the conjecture is not proved in full generality, there has been considerable progress, especially for L-values of the form $L(1/2, \mathrm{BC}(\pi) \times \mathrm{BC}(\pi'))$, where π and π' are cohomological automorphic representations of unitary groups $U(V)$ and $U(V')$, respectively. Here V and V' are hermitian spaces over a CM field, V of dimension n, V' of codimension 1 in V, and BC denotes the twisted base change to $\mathrm{GL}(n) \times \mathrm{GL}(n-1)$.

Presenter: (COLUMBIA UNIVERSITY), Michael Harris