Probabilistic Operator Algebra Seminar

Organizer: Dan-Virgil Voiculescu

February 10   **Cesar Cuenca**, OSU Columbus.

Title: *Rectangular cumulants in finite free probability and high temperature singular values*

   Natural notions of cumulants arise in the settings of finite free probability and high temperature limits of beta-eigenvalues. Both of them are one-parameter deformations of the free cumulants and, in fact, they are identified by a formal identification of the deformation parameter. This parallelism also exists for the two-parameter rectangular cumulants. In this talk, I will explain this connection between the subjects, hinting at benefits for both areas.