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## **The noncommutative Poulsen simplex**

### **Abstract**

The Poulsen simplex is a canonical object in the theory of Choquet simplices. It can be characterized as the unique metrizable Choquet simplex with dense extreme boundary. In my talk I will explain what is the noncommutative Poulsen simplex, and why it plays a similar canonical role in the theory of noncommutative simplices. This is joint work with Ken Davidson and Matt Kennedy.

Talk time: 07/21/2016 5:00PM— 07/21/2016 5:20PM

Talk location: Crow 206

Special Session: Non-commutative inequalities. Organized by J.W. Helton and I. Klep.