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Marius Junge, Matthias Neufang and **Zhong-Jin Ruan*** (ruan@math.uiuc.edu), University of Illinois at Urbana-Champaign, Urbana, IL 61801. *Applications of Quantum Groups to Quantum Information Theory.*

In this talk, we discuss some applications of finite dimensional quantum groups to quantum information theory. This is a joint work with Marius Junge and Matthias Neufang. (Received February 04, 2008)