

Department of Mathematics

University of Houston

Analysis Seminar

FRIDAY, November 10, 2017

13:00-14:00 – Room 646 PGH

Speaker: Anna Vershynina (University of Houston)

Title: Introduction to Quantum Information

Abstract: I will give a gentle introduction to Quantum Information Science and in particular, to quantum information theory (which are not the same!). No prior knowledge of quantum mechanics, computer science, information theory is necessary, although the enthusiasm to hear about them is needed. The talk will be accessible to a graduate student level and will be aimed at a general audience. I will start by introducing the notion of a quantum bit - qubit, and will finish with theoretical and experimental proposals for the construction of a quantum computer. Everyone who is eager to glimpse into the future of our science and society is welcome to attend.