

**Department of Mathematics and Statistics Colloquium**

*Expository Presentation on the Volume Conjecture*

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**Abstract:** The volume conjecture hails a landmark connection between classical and quantum invariant of 3-manifolds. The plan will be to define hyperbolic volume, a classical invariant, and the colored Jones polynomial, a quantum invariant. I will also explain the example of torus knots where the conjecture has been proven.

**Monday, April 26<sup>th</sup> at 3:30 pm via Zoom**