

## ***VARIATIONAL PRINCIPLES FOR METRIC MEAN DIMENSION***

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**Time: Fri, Oct 21, 14:00-15:00**

**Tencent room: 823-828-805 Code: 200433**

**Abstract:** Metric mean dimension is a quantity to distinguish two different topological dynamical systems with infinite topological entropy. In this talk, we present our previous work and recent progress about the variational principles for metric mean dimensions. Especially, in the context of random dynamical systems, we establish an integral formula for upper metric mean dimension.