

## Statistics and Data Science Seminar

### *Random Walks and Diffusions on Graphs*

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**Abstract:** Random walks and diffusions are intimately connected through their relationship to the heat (diffusion) equation. We will look at their structures as well as results comparing large scale asymptotics for finitely generated groups and associated manifolds (Pittet & Saloff-Coste 2000) and local Dirichlet spaces (P. 2012).

*There will be tea before the talk.*

Wednesday, November 4 at 4:00 PM in SEO 636