Generative AI on Smooth Manifolds

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Generative AI is a rapidly evolving technology that has garnered significant interest lately. In this presentation, he'll discuss the latest approaches, organizing them within a cohesive framework using stochastic differential equations to understand complex, high-dimensional data distributions. Dr. Fu will highlight the necessity of studying generative models beyond Euclidean spaces, considering smooth manifolds essential in areas like robotics and medical imagery, and for leveraging symmetries in the de novo design of molecular structures.

Thursday, August 22, 2024, 3:30-4:30PM Eastern

133 Rosenau Hall

Zoom Link:
https://unc.zoom.us/j/93457075747?pwd=hsg9eT4nlw9b6ClAVwoiL4z6ZcXYOa.1

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