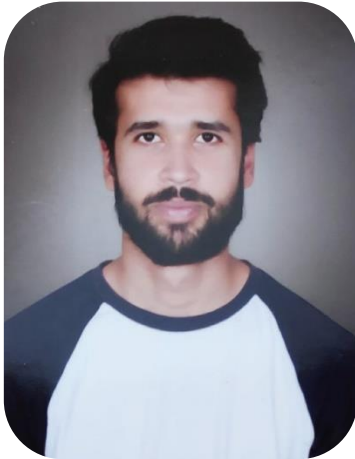


S E M I N A R



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# Topological Entanglement and Chern-Simons Theory

**ABSTRACT:**

The entanglement entropy of many quantum systems is generally difficult to compute. They are obtained as a limiting case of the Rényi entropy of index  $m$ . In this talk, I will briefly discuss some aspects of entanglement arising from two-component links using Chern-Simons theory.

*Aditya Dwivedi is a postdoctoral fellow in the Department of Physics at the Indian Institute of Technology Bombay, India.*

**Date:**

Friday, 25 October 2024

**Time:**

11h00-12h30 SAST

**Venues:**

- P216, Physics Building,  
East Campus, WITS
- Online

**Who should attend?**

All are welcome!

**Enquiries:**

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**REGISTER:** <https://bit.ly/3Y4T9IG>

