

## ***TOPOLOGY SEMINAR***

**Guest Speaker: Nicolai Reshetikhin**  
**University of California, Berkeley**



**Date:** Tuesday, November 10, 2020

**Time:** 2:30 PM

**Location:** Zoom

**Zoom Link:** [notredame.zoom.us/j/97262637721](https://notredame.zoom.us/j/97262637721)

**Lecture Title:**

**Superintegrable systems on moduli spaces of flat connections**

**Abstract**

This talk is based on joint work with Arthamonov where a family of superintegrable systems was constructed on symplectic leaves of moduli spaces of flat connections. The talk will start with the definition of superintegrable dynamical systems. Then it will be shown how to construct such systems on moduli spaces of flat connections. If time permits, a quantization of such systems will be constructed using TQFT.