Abstract:
This presentation is a discussion on the formalization of basic linear algebra using the proof assistant Isabelle. The presentation will cover the differences between informal and formal proofs, the benefits and drawbacks of formalization, and a demonstration of Isabelle. I will conclude with my proposal to formalize a portion of basic linear algebra which has not yet been formalized in Isabelle.

May 11, 11:00–12:00, SCI II ROOM 306