

## SEMINARIO SISTEMAS DINÁMICOS DE SANTIAGO

**EXPOSITOR(A):** Neil Mañibo (Universität Bielefeld).

**TÍTULO:** *Uniquely ergodic subshifts over compactifications of the naturals.*

**RESUMEN:** In this talk, we will discuss one-dimensional substitution subshifts over (infinite) compact alphabets and their dynamical properties. As a motivating class, we will focus on shifts generated by a parametrised family of substitutions on certain compactifications of the natural numbers. We will provide a general checkable condition for unique ergodicity that relies on compactness properties of the substitution operator, which is the analogue of the substitution matrix for infinite alphabets. This is based on joint work with Dan Rust and Jamie Walton, and Dirk Frettlöh and Alexey Garber.

**DÍA / HORA:** Lunes 8 de enero, 2024 / 4:30 PM - 5:30 PM

**LUGAR:** Sala de Seminarios John Von Neumann (7° piso), Facultad de Ciencias Físicas y Matemáticas, Universidad de Chile (Beauchef 851).