



Speaker: Milagros Izquierdo, Linköping University.

Title: On the Connectedness of the Branch Locus in Schottky Space.

Abstract: Schottky space \mathcal{S}_g is the space that parametrizes $\mathrm{PSL}_2(\mathbb{C})$ -conjugacy classes of Schottky groups of rank $g \geq 2$. The branch locus \mathcal{SB}_g consists of the conjugacy classes of those Schottky groups which are a finite index proper subgroup of some Kleinian group. We show that \mathcal{SB}_g is always connected.

Joint work with Rubén Hidalgo.