**Rios, Cristian** (University of Calgary, Canada) The Kato estimate for weighted parabolic operators

**Abstract:** We extend square function estimates for parabolic operators of Auscher, Egert, and Nyström to the weighted setting. As one of its applications we obtain the Kato square root estimate for weighted elliptic parabolic operators. This is joint work with Auscher, Egert, and Nyström.