## CECILIA GONZALEZ TOKMAN, University of Victoria

Semi-invertible Oseledets theorem for compositions

Semi-invertible multiplicative ergodic theorems provide the existence of an Oseledets splitting for cocycles of non-invertible linear operators over invertible base. We present a constructive approach to semi-invertible multiplicative ergodic theorems, and give an application to random composition of maps. This is joint work with Anthony Quas.