

Stabilization of bounded cohomology along classical families

Speaker: Carlos De la Cruz Mengual

Abstract: I report on recent joint work with Tobias Hartnick, establishing the stabilization of continuous bounded cohomology along many classical families of real and complex Lie groups. This is obtained as a consequence of the “high acyclicity” of the Stiefel complex associated to any vector space endowed with a non-degenerate sesquilinear form. In this talk I will concentrate on the proof of said acyclicity statement.

Time: 16:00 (German time)