

18th NRW Topology Meeting – Bielefeld (Germany)

Friday, November 16, 2012

11.00, Hörsaal 16

Sönke Rollenske: (Bielefeld) **“Dolbeault cohomology of nilmanifolds with left-invariant complex structure”**

I will discuss evidence for the conjecture that Dolbeault cohomology of nilmanifolds with left-invariant complex structure can be computed on the the level of the Lie-algebra of the corresponding nilpotent Lie-group and present a new Ansatz to approach the open cases