Global solvability and cohomology of a class of differential complexes

Igor Ambo Ferra¹, Gabriel Araújo², Luis Fernando Ragognette³, Max Reinhold Jahnke⁴

In this talk we present new results about global solvabilty and cohomology of differential complexes that comes from a tube structure on a product of a compact manifold by the m-dimensional torus.

 $^{^{1}}$ Universidade Federal do ABC

 $^{^2}$ Universidade de São Paulo

 $^{^{3}}$ Universidade Federal de Minas Gerais

⁴ Philipps-Universität Marburg.