

SEMINÁRIO DE ANÁLISE

**Vortex ground states for  
Klein-Gordon-Maxwell-Proca type systems**

**Pietro d'Avenia**  
Politecnico di Bari, Italy

16/05/18  
14:30 horas  
Auditório do MAT

**Abstract.** In this talk we discuss on the existence of three dimensional cylindrically symmetric vortex-solutions of electromagnetic Klein-Gordon-Maxwell-Proca type systems having the least possible energy among all symmetric solutions.

*(joint work with Jarosław Mederski and Alessio Pomponio)*