



UNIVERSIDADE FEDERAL DO PARANÁ - UFPR  
CENTRO POLITÉCNICO  
DEPARTAMENTO DE MATEMÁTICA

# Seminários Contínuos do Programa de Pós-Graduação em Matemática

21 de setembro de 2018 - 15:30 - Anfiteatro A (Bloco PC)

## Computing metric invariants

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ABSTRACT. In this talk we will use the research in the geometry of  $C^*$ -algebras as a context to study informally the concept of "Geometric Invariant": what are they? How are they computed? What are "good" invariants? What is a "good" theorem involving invariants?

In spite of using  $C^*$  algebras as an alibi to talk about invariants, the talk will have no prerequisites beyond Linear Algebra/Advanced Calculus.