



# Colloquium del Departamento de Análisis Matemático

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**“Compactness and weak compactness of  
weighted composition  
operators on dual Banach spaces of analytic functions”**

**Jueves 26 de enero de 2017**  
a las 13:00 horas en el seminario 222

**Abstract:**

In this talk I will discuss the norm and the essential norm of weighted composition operators from a large class of non-necessarily reflexive-Banach spaces of analytic functions on the open unit disk into weighted type Banach spaces of analytic functions and Bloch type spaces. I will also show the equivalence of compactness and weak compactness of weighted composition operators from these weighted type spaces into a class of Banach spaces of analytic functions that includes a large family of conformally invariant spaces.