Analysis Seminar

Title: The approximation property and holomorphic mappings

Speaker: Pilar Rueda (Valencia)

Date: Tue 29th January 2019 at 4:00PM

Location: SCN 125

Abstract: In 1973 P. Enflo obtained the first example of a separable Banach space that lacks the Approximation property. This example provoked a renewed interest in investigating which spaces fulfill the approximation property and how this property can be extended beyond linear operators. After recalling some classical essentials regarding the approximation property, and inspired by joint work with C. Boyd and S. Dineen, and with E. Çalışkan, we will make a brief tour visiting some of the results that relate the approximation property to spaces of holomorphic functions.