

# MATH COLLOQUIUM

## Some recent results on Banach Stone Theorem for Banach lattice valued continuous functions

**Zafer Ercan**  
**Abant İzzet Baysal Üniversitesi**

**Date** : Wednesday, October 13, 2010

**Time** : 14:00

**Place** : TB 250, Boğaziçi Üniversitesi

**Abstract:** For a topological space  $X$ ,  $C(X)$  denotes the space of real valued continuous functions on  $X$ . Banach Stone type theorems deal with relations between  $C(X)$  and  $C(Y)$  which imply that  $X$  and  $Y$  are homeomorphic. In this talk some old and new results on Banach Stone theorems will be given. In particular vector valued Banach Stone type theorems will be discussed.

**Tea and coffee will be served at 15:00**