



istanbul matematiksel bilimler merkezi
istanbul center for mathematical sciences

Workshop on Banach Algebras in Honour of Ali Ülger

14.00: Betül Tanbay (Boğaziçi University) *Opening Talk*

14.45: Coffee Break

15.00: Eberhard Kaniuth (Universität Paderborn) *The structure of power bounded elements in Fourier-Stieltjes algebras of locally compact groups*

An element a of a Banach algebra A is called *power bounded* if there exists a constant $c > 0$ such that $\|a^n\| \leq c$ for all $n \in \mathbb{N}$. The study of power bounded elements in the Fourier-Stieltjes algebra $B(G)$ of a locally compact group G , performed jointly with A. T. Lau and A. Ülger, culminated in a paper with Ali, in which an explicit description of the structure of such functions in $B(G)$ was given. After surveying the topic, the talk will emphasize this structure theorem.

Date : Monday, April 11, 2016

Place : IMBM Seminar Room, Boğaziçi University South Campus

