We provide a description of the set of all annihilating measures for the class of holomorphic functions on a bounded domain that extend continuously up to the boundary. To do that we make use of a class of measures that arise from all analytic disks in the domain with a fixed barycenter. Then we will discuss some approximation properties such as Mergelyan property and their relation with respect to this class of measures.

Date and Time: June 1, 2007, 15:45
Place: Sabancı Üniversitesi, Karaköy İletişim Merkezi, Bankalar Caddesi No:2 Karaköy İstanbul

Please post
We provide a description of the set of all annihilating measures for the class of holomorphic functions on a bounded domain that extend continuously up to the boundary. To do that we make use of a class of measures that arise from all analytic disks in the domain with a fixed barycenter. Then we will discuss some approximation properties such as Mergelyan property and their relation with respect to this class of measures.
Sketch of Karaköy İletişim Merkezi