



Speaker: Hiroshige Shiga, Kyoto Sangyo University.

Title: Uniform domains and generalized Cantor sets.

Abstract: Martio and Sarvas introduced the notion of uniform domains, which is useful for the geometric function theory and quasiconformal mappings. In this talk, we will present a necessary and sufficient condition for the complement of a generalized Cantor set to be a uniform domain in terms of the sequence defining the Cantor set.