Title: <u>**A Study on the Duality of Fuzzy Topological Systems**</u>.

Abstract: We investigate interconnection among the categories of Fuzzy Topological systems, Fuzzy Topological spaces and algebraic structures. The origin goes back to similar interconnection among Topological systems, Topological spaces and locales studied by Vicker's in the context of geometric logic. In this presentation we shall include mainly the results dealing with categorical equivalences and dualities among categories $FBSy_n$, FBS_n and $\&^c_n$-Alg.