

**Meeting:** 999, Nashville, Tennessee, SS 1A, Special Session on Von Neumann Algebras and Noncommutative Ergodic Theory

999-46-30            **Narutaka Ozawa\***, Dept. of Mathematical Sciences, University of Tokyo, Komaba, 153-8914  
Tokyo, Japan. *A Kurosh type theorem for type  $II_1$  factors.*

Topological dynamics was proved to be very useful in the study of group von Neumann algebras (and orbit equivalence relations as well). I will review my recent results based on theory of  $C^*$ -algebras and topological amenability of group actions. (Received July 13, 2004)