February 18: Noriyuki Abe (University of Tokyo), "On the existence of homomorphisms between principal series of complex semisimple Lie groups." FOLLOWED BY DINNER.

In this talk, I give the precise condition for the existence of non-zero homomorphisms between principal series of complex semisimple Lie groups. I also give the condition for the existence of non-zero homomorphisms between twisted Verma modules, which is an extension of a result of Verma and Bernstein-Gelfand-Gelfand.