# Lie Groups and Representation Theory Seminar at the University of Tokyo

## リー群論・表現論セミナー

DATE     January 8 (Tue), 2013, 16:30–18:00

PLACE    Room 126, Graduate School of Mathematical Sciences

SPEAKER  **Soji Kaneyuki (金行壮二)** (Professor Emeritus at Sophia University)

TITLE    On the group of holomorphic and anti-holomorphic transformations of a compact Hermitian symmetric space and the $G$-structure

ABSTRACT Let $M$ be a compact irreducible Hermitian symmetric space. We determine the full group of holomorphic and anti-holomorphic transformations of $M$. Also we characterize that full group as the automorphism group of the $G$-structure on $M$, called a generalized conformal structure.