

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

リ一群論・表現論セミナー

DATE April 20 (Tue), 2010, 16:30–18:00

PLACE Room 126, Graduate School of Mathematical Sciences

SPEAKER **Takayuki Okuda (奥田隆幸)** (the University of Tokyo)

TITLE Proper actions of $SL(2, \mathbb{R})$ on semisimple symmetric spaces

ABSTRACT Complex irreducible symmetric spaces which admit proper $SL(2, \mathbb{R})$ -actions were classified by Katsuki Teduka. In this talk, we generalize Teduka's method and classify semisimple symmetric spaces which admit proper $SL(2, \mathbb{R})$ -actions.