

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

リー群論・表現論セミナー

- DATE Feb 5 (Wed), 2020, 15:00–16:00
- PLACE Room 126, Graduate School of Mathematical Sciences
- SPEAKER **Simon Gindikin** (Rutgers University)
- TITLE Direct inversion of the horospherical transform on Riemannian symmetric spaces
- ABSTRACT It was a problem of Gelfand to find an inversion of the horospherical transform directly and as a result to find directly the Plancherel formula. I will give such an inversion and it gives a formula different from Harish-Chandra's one.