

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

リー群論・表現論セミナー

- DATE April 28 (Tue), 2015, 17:00–18:30
- PLACE Room 122, Graduate School of Mathematical Sciences
- SPEAKER **Bent Ørsted** (Åarhus University and the University of Tokyo)
- TITLE Restricting automorphic forms to geodesic cycles
- ABSTRACT We find estimates for the restriction of automorphic forms on hyperbolic manifolds to compact geodesic cycles in terms of their expansion into eigenfunctions of the Laplacian. Our method resembles earlier work on products of automorphic forms by Bernstein and Reznikov, and it uses Kobayashi's new symmetry-breaking kernels. This is joint work with Jan Möllers.