

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

リー群論・表現論セミナー

(Joint with Tuesday Seminar on Topology)

- DATE Dec 21 (Tue), 2021, 17:30–18:30
- PLACE Online
- SPEAKER **Hiroki Shimakura** (島倉裕樹) (Tohoku University)
- TITLE Classification of holomorphic vertex operator algebras of central charge 24
- ABSTRACT Holomorphic vertex operator algebras are important in vertex operator algebra theory. For example, the famous moonshine vertex operator algebra is holomorphic. One of the fundamental problems is to classify holomorphic vertex operator algebras. It is known that holomorphic vertex operator algebras of central charge 8 and 16 are lattice vertex operator algebras. I will talk about recent progress on the classification of holomorphic vertex operator algebras of central charge 24.