

# Sophia University

## Mathematics Colloquium

**When:** Friday, December 20, 2019, 17:30—18:30

**Where:** Room No. 398, Bldg.4, Yotsuya-Campus

**Speaker:** Hajime Tsuji (Sophia University)

**Title:** An application of canonical measures to Iitaka's  
conjecture

### **Abstract:**

In this talk, I would like to present a partial solution to Iitaka conjecture. The proof relies on the construction of Monge-Ampère foliations in terms of canonical measure. The canonical measure is a generalization of Kähler-Einstein volume form for canonically polarized projective manifolds.

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