

**Date:** April 6, 2021

**Speaker:** Kentaro Yamamoto

**Title:** The automorphism group of the Fraisse limit of finite Heyting algebras

**Abstract:** We present various results on the automorphism group of the Fraisse limit of finite Heyting algebras. This extends a long line of research on the automorphism groups of homogeneous structures into a setting where the structure is not uniformly locally finite. The highlights include the non-amenability and the normality of the said automorphism group. The latter is proved from the superamalgamation property of the class of finite Heyting algebras and is applicable to other homogeneous lattices.