

Date: 10/20/2020

Speaker: Lauren Wickman

Title: Cantor Spaces and Quotients of Projective Fraisse Limits

Abstract: Bartosova and Kwiatkowska showed that the Lelak fan can be represented as a natural quotient of the projective Fraisse limit of the class of finite rooted trees. Using this construction, they were able to determine several properties of the Lelek fan and its homeomorphism group. We follow this framework to view the Hairy Cantor Set and the Hairy Arc as quotients of projective Fraisse limits of certain classes, and discuss properties of the homeomorphism groups of these spaces.