

Expanding Fraisse classes into Ramsey classes
(combining joint work with Yonatan Gutman and with Todor Tsankov)

Lionel Nguyen Van The

Abstract: Given a Fraisse class, it is natural to ask when it admits a "reasonable" expansion in a richer language which also has the Ramsey property. The purpose of this lecture is to present an answer to this question in terms of topological dynamics when "reasonable" means that every element of the original class only has finitely many expansions in the richer language.