

## **Box Ramsey and Canonical Colourings**

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The infamous correspondence of Kechris, Pestov, and Todorcevic correlates finite Ramsey properties to dynamical rigidity. Since its discovery, much has been done in relating Ramsey degrees to dynamics, with a full correspondence known for finite small Ramsey degrees, and a partial correspondence for big Ramsey degrees discovered by Zucker. In this talk, we will discuss a Ramsey theory for Fraïssé structures that is maximal, generalizing work of Laflamme, Sauer, and Vuksanovic. We will also answer a problem of Mašulović, discussing the necessary and sufficient conditions needed for computing productive big Ramsey degrees we will denote box Ramsey degrees.