## Partitioning the Real Line into Borel Sets

Will Brian (University of North Carolina at Charlotte)

The Borel partition spectrum is the set of all uncountable cardinals  $\kappa$  such that there is a partition of the real line into precisely  $\kappa$  Borel sets. In this talk I will survey some old and some new results concerning the Borel partition spectrum. I will also outline some of the most important questions surrounding it that still remain unsolved.