Speaker: Paul Larson

Title: Automorphisms of $\mathcal{P}(\lambda)/I_\kappa$, for λ uncountable.

Abstract: We will discuss automorphisms of $\mathcal{P}(\lambda)/I_\kappa$, for $\kappa \leq \lambda$ infinite cardinals, where I_κ denotes the ideal of sets of cardinality less than κ. After surveying what we know about the state of the subject, we will present an argument which shows (among other things) that if the covering number for the meager ideal is greater than $\aleph_1$, then every automorphism of $\mathcal{P}(2^{\aleph_0})/\mathrm{Fin}$ which is trivial on all countable sets is trivial.