Prime graphs and actions of primitive groups

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SPEAKER

ABSTRACT：

I will be discussing a number of problems related to properties of finite groups that have piqued my interest over the past couple of years. Many involve *bases* of permutation groups $G \leq \mathrm{Sym}(\Omega)$, which are subsets $B \subseteq \Omega$ with trivial pointwise stabiliser. There will also be a few open problems along the way.

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