Local dualisable representations of finite groups

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We consider the stable category of modular representations of a finite group. There are local cohomology functors which are parametrised by the prime ideals of the cohomology ring. These functors provide categories of local representations that are supported at a single prime. The talk will focus on these local categories. They are tensor triangulated and it turns out that compact and dualisable objects usually do not coincide, in contrast to the category of global representations. The talk presents recent progress from an ongoing collaboration with Dave Benson, Srikanth Iyengar, and Julia Pevtsova.