

## **abstract**

JOINT IAS/PU NUMBER THEORY SEMINAR

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

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The motivating open question for this talk is to find for a given prime  $p$  all local  $\mathbb{Z}_p$ -algebras which can occur as the deformation ring of some linear representation over  $\mathbb{F}_p$  of some finite group  $G$ . We will show for every  $p$  that not all of them are complete intersections. This is joint work with Ted Chinburg and Frauke Bleher.