Group Representation Theory and Applications

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Research interests

- Navarro's conjecture holds for groups of Lie type in defining characteristic.
- Extension of Jordan decomposition for blocks.

Bonnafé–Dat–Rouquier: For groups of Lie type in non defining characteristic general blocks are **Morita** and **splendidly Rickard** equivalent to isolated blocks.

- Analogues for local subgroups.
- Analogues for disconnected algebraic groups.