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**Mandi A. Schaeffer Fry\*** ([aschaef6@msudenver.edu](mailto:aschaef6@msudenver.edu)). *Galois Action on Characters and Navarro's Sylow 2-Normalizer Conjectures.*

We discuss the proofs of Navarro's and Navarro-Tiep-Vallejo's conjectures relating the character theory of a finite group  $G$  to structural properties of its Sylow 2-normalizers. We also discuss the action of Galois automorphisms on characters of groups of Lie type, which is a crucial aspect of these proofs. (Received January 20, 2018)