

Abstract Submitted  
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**Magnetic Texturing of Bi-2212 Superconductor** KYLE DAMBORSKY, PETER MCINTYRE, NATHANIEL POGUE, Texas A&M University — Micaceous powders of Bi-2212 can be textured in a magnetic field (aligned with their c axes parallel) utilizing the anomalous normal-state susceptibility. This texturing has the potential to enhance the density and connectivity of multifilament conductors made from such powder, providing the texture can be maintained during conductor fabrication. The magnet lab at Texas A&M University is developing a technique for magnetic texturing and a conductor design to use it to optimum benefit.

Kyle Damborsky  
Texas A&M University

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