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**Link Between Turbulence Properties and Reconnection Dynamics** MICHAEL SHAY, University of Delaware, Bartol Research Institute, PRAYASH SHARMA PYAKUREL, SUBASH ADHIKARI, University of Delaware, WILLIAM MATTHAEUS, University of Delaware, Bartol Research Institute, RIDHI BANDYOPADYAY, TULASI PARASHAR, University of Delaware — The interplay between reconnection and turbulence has been the subject of increasing scrutiny. In addition, recent observations of electron-only reconnection in the Earth's turbulent magnetosheath have shown that although turbulence can drive reconnection, the properties of this reconnection may differ from typical large scale laminar reconnection. An important question then is how the global properties of the turbulence affect the nature of the reconnection it drives. We discuss this link using the results from kinetic particle-in-cell simulations of both turbulence and reconnection.

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