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## Jets and Jet Substructure at Future Colliders

*Thursday 18 August 2022 17:50 (30 minutes)*

We present the paper “Jets and Jet Substructure at Future Colliders,” in which we examine the role of jet substructure on the motivation for and design of future energy frontier colliders. In particular, we discuss the need for a vibrant theory and experimental research and development program to extend jet substructure physics into the new regimes probed by future colliders. Jet substructure has organically evolved with a close connection between theorists and experimentalists and has catalyzed exciting innovations in both communities. We expect such developments will play an important role in the future energy frontier physics program.

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