

## P5 Town Hall at SLAC



Contribution ID: 36

Type: **Early Career Scientist**

## Paths for the Future of Collider Physics

*Thursday, 4 May 2023 14:20 (5 minutes)*

Compact collider designs—the Cool Copper Collider for a Higgs factory and the muon collider to reach the 10 TeV parton scale—emerged during Snowmass as a promising path for the future. I will briefly present the benefits of these options, which utilize power-efficient, innovative technology that can scale to even higher energies beyond the next generation of experiments. P5 support for accelerator R&D to pursue the viability of these new colliders is crucial for the health of the field as we start to look toward the post-LHC era. I will specifically discuss the budgetary perspective, informed by my role as Deputy Chair of Government Relations for the Fermilab Users Executive Committee.

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**Session Classification:** Contributed Remarks