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## Fermilab Accelerator Proton Intensity Upgrade

*Wednesday, 22 March 2023 16:00 (5 minutes)*

I am early career accelerator scientist on the Fermilab Central Design Group (CDG) on Proton Intensity Upgrade (PIU). The first objective of this group is to develop reliable accelerator upgrade scenarios for 2.4 MW upgrade of DUNE/LBNF program. The next objective is to consider broader HEP opportunities and their relation to Fermilab upgrades - especially dark sector searches and muon physics programs. I will share my perspective on the synergies and tensions in the various paths forward.

### **Please select if remarks will be in person or on zoom**

In person

### **Do you describe your self as early career?**

yes

### **Please add details of experiment/project that this abstract corresponds to?**

Fermilab 2.4 MW LBNF Upgrade, aka PIP-III aka Proton Intensity Upgrade (PIU)

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**Session Classification:** Open Session for remarks