



ESPPU Document

- Muon Production & Cooling - 4-6 pages
- Propose we focus on the beam physics
 - Noting target, magnets, RF and others have own section under “technology”
- Propose:
 - 2 pages target, capture and front end beam physics
 - Jerzy, Chris, Rui, Anton
 - 2 pages rectilinear
 - Ruihu, Paul Jurj
 - 2 pages final cooling
 - Taylor, Bernd, Ruihu
- Hot topics
 - Transmission, impact of higher proton beam power
 - “Even higher field magnets” option
 - Beam loading issues
 - Absorber heating
- We may overflow page counts
 - This is I believe justified



Deadlines

- 2024-11-01
 - Skeleton/outline
- Provisionally 2024-11-15
 - Full document