



TimeSPOT WP4: Stato delle attività a Milano

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Software implementation



- Received "MyVelo" code from Serena
- **52 layers**:
 - 26 "left" L-shaped modules + 26 "right" L-shaped modules
 - Left and right modules treated independently (in the pattern recognition and tracking)
- **Stub search** being implemented. Two stages, on **event-by-event** basis:
 - Search of stubs as couples of linked hits
 - Search of tracks as "clusters" of stubs with similar parameters



- Stub search is performed on **limited regions** of the Velo layers:
 - "Training" to be implemented-ported
 - Training performed on a collection of "true" and "reconstructible" tracks