

# New likelihood variables (the angles)

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## Present plan



- Likelihood: should include maximum possible information
- Scoring & shower building:
  - First iteration:
    - Skeleton (simultaneous building of tracks)
    - Tight criteria
    - High purity
    - Reasonable efficiency
  - Second iteration:
    - Criteria can include information based on the first iteration
    - Increasing the efficiency
    - Adding the isolated sub-clusters
    - Adding the ambiguous sub-clusters

- The criteria of the score depends from the way that it is used in the shower building

- Both should be optimized at the same time























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### Likelihood (w/o angles)







#### Likelihood (with angles)



















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