









Task List 10 Aug 1999

Calibration

EMCal

install new calibration files in myanal (*Athens*)
establish / confirm absolute energy calibration (*Athens*)

m files

decide on output format / run on available files (*byron*)

File structure

data summary

decide on format / utility in myanal (*gina*)

compressed m files

decide on retaining / using (*bruce*)

tkno files

decide on retaining / using (*bruce / gina*)

m files

collecting / creating (*carolyn*)

Emulsion Data Analysis

Event Location (US)

general algorithm (*byron / bruce*)
verification

Decay Search

general algorithm (US) (*bruce*)

tau Candidate Analysis

event parameter implementation (*jason*)
m files (*carolyn*)

charm Candidate Analysis

event selection (*thomas*)

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Energy Spectrum

muons

event selection (*patrick*)

electrons

event selection

Magnetic Moment

event selection (*reinhard*)

Spectrometer Analysis

event refitting

period 3 (*byron / jason / carolyn*)

charm candidates (*thomas*)

momentum fitting

vertex / DC algorithm (*patrick*)

Emulsion → SFT Matching

- Procedure whose output decides :
event **Located** or Not located
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Roughly, the procedure is:

- 1 Rank vertices by multiplicity and background tracks
- 2 Loop through vertex list, find SF lines (u',v') with vertex (u,v,z)
- 3 Attempt to associate SF line pair(s) to each emulsion track from primary
- 4 Compute function which measures goodness-of-fit
- 5 Output list of vertices and tracks of acceptable vertices, possibly confirm graphically