

OUTLINE DOCUMENT

1. Introduction: Ties Behnke

- * physics motivation Bob Hsiung, Marco Battaglia
- * overview of detector Ties Behnke

2. Tracking systems

- * vertex tracker (VTX) : Massimo Caccia, Marco Battaglia
- * central tracker (TPC): Ron Settles, Jan Timmermanns, Dean Karlen
- * supplementary tracking:

Aurore, Rick, Klaus M, Lee Sayer

- o SIT
- o FTD
- o ETD (endcap tracking detector, formally FCH)
- o SET

- * performance of tracking system: Steve Worm(?) +Dan Peterson

3. Calorimeter systems : Henri Videau

- * electromagnetic calorimeter (ECAL) : Jean-Claude Brient, Graham Wilson
- * hadronic calorimeter (HCAL) : Felix Sefkow, Jose Respond
- * forward calorimeters (LCAL, BCAL) : Wolfgang Lohmann, Halina Abramowitz (tbc)
- * calorimeter performance : David Ward

4. Coil Francois Kircher

5. Muon system : Marcello Piccolo, Holger Stoeck

6. DAQ Guenter Eckerlin, Paul Dauncey (tbc)

7. Detector integration: DESY engineer

8. Overall performance

- * particle flow performance : Mark Thompson, Steve Magill, Alexei Raspresza
- * selected benchmarks : Marco Battaglia

9. Cost estimate : Henri Videau