

Revised programme

- Energy Flow -
 - ▶ Tools -
 - ⇒ clustering - gNIKI, MAGIC, Alexei (ensure available as Marlin Packages) for interoperability - < Vienna
 - George/Chris/Mark
 - ▶ Implementation
 - ⇒ 1st c/o Alexi - baseline
 - ⇒ 1st alternative - Mark - presentation for Vienna
 - Code available when better than $0.45/\sqrt{E}$ at least within UK
 - ⇒ 2nd ...
- Global detector design
 - ▶ Which concepts; start with LDC - Camb.
 - ▶ Concentrating on ECAL - yes
 - ▶ Connection between geometry definition used by reco and sim. (GEAR)
 - ⇒ Investigate GEAR ability to read SLIC compact // Mokka to write out GEAR → talk to Frank Gaede at CALICE/DESY meeting (DRW/NKW)
 - ⇒ Contact SiD re MAPS studies (NKW - 2 weeks)

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- Other WP support
 - ▶ GRID running - NKW to contact Paul, Gidon Moont (10/10)
 - ▶ MAPS - Bham
 - ⇒ implement in Mokka asap - NKW - 3 weeks, contact Fab. for help as nec.
 - ⇒ Check with Paul re. presentation of MAPS concept at Vienna (should show something)
 - ▶ DAQ
 - ⇒ ??? Ask Matthew what studies reqd. (expect to be covered by UCL)
 - ▶ Mech/Thermal
 - ⇒ Ask Roger what studies reqd. - NKW to follow up
- Physics Studies - RH
 - ▶ Find agreed wws physics benchmarks - list of 7, e.g. WW fusion, HHH
 - ▶ Define signal/background samples
 - ▶ Get appropriate physics event generators for these samples (Pandora-Pythia - see Stew B)
 - ⇒ ~1k events, 2 processes, .stdhep, through through Mokka - start of Nov.
 - ▶ Generic algorithms, etc.
- Admin
 - ▶ Group wiki (Mark to contact local Minos people who have done similar already)
 - ▶ Group mailing list a la Calice-uk (NKW to contact CCLRC)
 - ▶ Next meeting (NKW to post details, agreed 1400-1500 on 27 Oct.)
 - ▶ Minutes/notes - these slides to serve as, NKW to post
- Aims (for LCWS '06) - *at least*
 - ▶ Our own WW/ZZ separation plot, can we possibly reach $0.3/\sqrt{E}$??
 - ▶ Detector optimisation, some range of detector parameters - length, B field, radius, granularity (longitudinal and transverse)
 - ▶ Presentation of MAPS (concept, backed up by some performance indicators - h/w and s/w aspects)