

Agenda

- Critical examination of proposal
 - ▶ Done elsewhere by know?
 - ▶ Remove/add new areas?
- Review known/expected UK expertise
 - Lunch -----
- Discussion of software tools
 - ▶ Europe/US/?Asia?
 - ▶ Refresher c/o George
- Revised proposal
- Volunteers responsible for different areas of proposal
- Timescales
- Organisation
 - ▶ Interaction with rest of Calice/world (UK cf. DESY)
 - ▶ Pooling of s/w, expertise
 - ▶ Future meetings, web
 - ⇒ Next - late Oct.
 - ⇒ Set up mailing list at cclrc

GANTT Chart

Workpackage 5	FY05/06				FY06/07				FY07/08			
	1	2	3	4	1	2	3	4	1	2	3	4
Task 5.1: Energy Flow Algorithms												
Understand resolution drivers	=	=	=									
Algorithm brainstorming	=	=	=	=								
Tool definitions		=	=									
Comparison of existing codes			=	=								
Algorithm implementation				=	=							
Physics benchmark results					=	=						
Algorithm development						=	=	=	=	=	=	=
Task 5.2: Global detector design												
Physics benchmark, 1 concept			=	=	=							
Other detector concepts				=	=							
Further physics benchmarks					=	=	=	=				
Detector parameter variation						=	=	=	=			
Optimisation for each concept				=	=	=	=	=	=	=	=	=
Task 5.3: Workpackage support												
DAQ local clustering				=	=	=						
Mechanical imperfections			=			=		=				
MAPS into Mokka	=	=	=									
MAPS sensor variation studies		=	=	=	=	=	=					
MAPS test beam									=	=	=	
Task 5.4: Physics studies												
Survey existing analyses/benchmarks	=											
Implement generic analysis		=	=	=								
Additional benchmarks			=	=	=	=	=	=	=			
Hadronic modelling sensitivity			=	=	=	=	=	=	=	=	=	=

Milestones

The milestones associated with this workpackage are:

Task 5.1:

Comparison of existing energy flow algorithms (month 9).

Physics benchmark results (month 18).

Task 5.2:

First physics benchmark of detector concept (month 15).

Task 5.3:

MAPS implemented in Mokka (month 6).

Simulations for MAPS test beam (month 30).

Task 5.4:

Present plans for generic physics analysis at regional workshop (month 6).

Generic physics analysis implemented (month 12).

Deliverables

The main deliverables are:

Code for generic energy flow algorithm.