

EUDET Networking Activity 2

Detector R&D Network

Brainstorming meeting 14/12/05

- What is NA2?
- Structure of NA2 tasks
- Agenda for today

What is NA2?

Objectives (from Annex 1, description of work):

- create a network of European institutions which participating in ILC detector R&D
- ensure close cooperation
- provide common framework for exchange of information

Three components:

1. organisation of Annual EUDET Workshops
2. common software framework (simulation + analysis of testbeam data)
3. facilitate access to deep sub-micron electronics for r/o ASICs

This meeting

- learn who we are & what we intend to do
- plenty of time for discussion
- listen to needs of the JRA's

NA2 = can offer things to the R&D community
JRA's are encouraged to participate actively!

NA2 structure

6 Tasks:

COMP	Dedicated Computer Cluster	P.Wienemann (Freiburg) DESY, Freiburg, Prague, Tel Aviv
ANALYS	Software Framework - exchange + analyse TB data - simulation - data repository - embedding into Grid infrastr.	F.Gaede (DESY) DESY, Freiburg, Prague
WEBINFO	Web-Based Information System	H.Abramowicz (Tel Aviv) Tel Aviv

NA2 structure

VALSIM	Improve modelling of hadronic showers in <i>G4</i>	J.Apostolakis (CERN) CERN
MICELEC	Facilitate access to deep sub-micron technologies	S.Marchioro (CERN) CERN
EXCHG	Annual EUDET workshop Mutual visits	K.Desch (Freiburg) all

Information

Mailing list: eudet-na2@desy.de is existing

Should contain all names contributing to NA2


Please send e-mail to desch@physik.uni-freiburg.de to subscribe

+ interested people from JRA's

Do we need dedicated JRA contact persons (could be JRA AC's)?

As soon as WEBINFO gets going we will create NA2 home page with practical information about the tasks and further links (e.g. ILC Grid, Software tools, etc.)

Agenda

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|-------|--|-----------------------------|
| 09:00 | Overview about NA2 objectives and tasks (15') | K. Desch
(Freiburg) |
| 09:30 | Plans for COMP (common analysis & simulation hardware) (10') | P. Wienemann
(Freiburg) |
| 10:00 | Plans for ANALYS (common analysis & simulation software) (10') (
 gaede_ANALYS_plans.pdf) | F. Gaede
(DESY) |
| 10:30 | Plans for WEBINFO (web-based information system) (10') | H. Abramowicz
(Tel Aviv) |
| 11:00 | Plans for VALSIM (improve simulation of hadronic showers) (10') | J. Apostolakis
(CERN) |
| 11:20 | JRA3/CALICE testbeam requirements (10') | R. Poeschl
(DESY) |
| 11:30 | Plans for MICELEC (access to deep-sub-mu electronics) (10') | A. Marchioro

(CERN) |
| 12:00 | Needs/Ideas from JRA1 (15') | T. Haas
(DESY) |
| 12:30 | LUNCH | |
| 13:30 | Further Discussion with JRA's (if needed) (1h30') | |