

ECFA review panel for detector R&D

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ECFA Detector R&D Panel mandate

- ✓ Receive R&D proposals and make recommendations after evaluation. Monitor their progress
 - ✓ We have reviewed once all sub detector technologies for a future linear collider. A follow up is planned.
 - ✓ The reviews were taken very seriously and were very well prepared.
 - ✓ People's general impression is very good and they feel that our reviews were very helpful primarily to them. Ex: refocusing the project, hints on their organization, etc.
 - ✓ No evidence yet that the review had an impact on funding agencies.

Projects reviewed

We had 5 meetings and after a global overview of LC activities we reviewed the following projects:

Calorimeters : High granularity electromagnetic and hadronic: Si and Scintillator ECAL digital and analog Hcals.

Forward calorimeters : FCAI and luminosity

Trackers : LCTPC with various read-outs

Vertex Detectors : DEPFET and CMOS technologies

- Help to create a coherence of the global R&D effort by encouraging synergy between different activities and advising funding agencies.
- Overview the European effort for detector R&D
 - Both items remain in suspense but the committee is willing to work on them, with conjunction with other players

Conclusion

- We believe it is worthwhile continue with such a committee but it needs more recognition and legitimisation.
- Reinforce contacts with others to help defining a global R&D view.
- Be more proactive with funding agencies.
- Renew part/all of the members.

We need your help to make known its existence in your countries

The panel members

- R. Brenner
- M. Diemoz
- D.Eckstein (scientific secretary)
- Y.Karyotakis (chair)
- E. Koffeman
- G. Mikenberg
- H.G. Moser
- T. Sumiyoshi
- C. Padilla
- A. White

- We are thankful of DESY hosting and supporting this committee
- <http://ecfa-dp.desy.de/> is our web page