



# ECFA DESY July 2008 – Chairmans Report

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*Friday 18 July 2008*

[Documents](#)

09:00 1. Approval of the Draft Agenda

[ECFA/08/253](#)

09:05 2. Approval of the draft minutes of the 82nd Plenary ECFA meeting

[ECFA/07/252/Draft](#)

09:10 3. Appointment of new members of ECFA

09:15 4. Chairman's Report (K. Meier)

09:35 5. Report on CERN matters (R. Aymar)

09:55 6. Report on DESY Matters (A. Wagner)

10:15 7. Midterm report from Finland (K. Österberg)

--- COFFEE BREAK ---



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11:15 8. The HGF Alliance "Physics at the Terascale" (T. Behnke)

11:45 9. Building up the HERA legacy (C. Vallee)

12:15 10. Status of the ILC project (B. Foster)

12:45 11. ECFA Terms of Reference, Decision

12:55 12. Any other business

--- LUNCH ---

14:00 13. DESY Tour



Reporting period : November 2007 (CERN) – July 2008

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- Country Visits to Portugal and Sweden (February, May)
- CERN Council Weeks (December, January, March, June)
- ICFA Meeting DESY (February)
- ILCSC Meetings DESY (February) and Dubna (June)  
(-> see contribution by Brian Foster)
- FP7 Applications
- Overview of current ECFA sponsored activities
- EPS2009 in Cracow – ECFA Session
- ICFA Seminar SLAC October 2008
- EPPOG Chair Selection
- Remaining ECFA Dates 2008



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### Portugal (Lisbon), March 2008

#### Positive Points :

- very supportive government (former ECFA)
- strong structures (LIP, PASC)
- focused programme evolving into other field (astroparticle)
- good links to industry (e.g. microelectronics)
- very visible outreach (Ciencia Viva)



#### Points discussed :

- strategy beyond LHC to be discussed and developed
- scientific staff development (tenures, staying abroad)





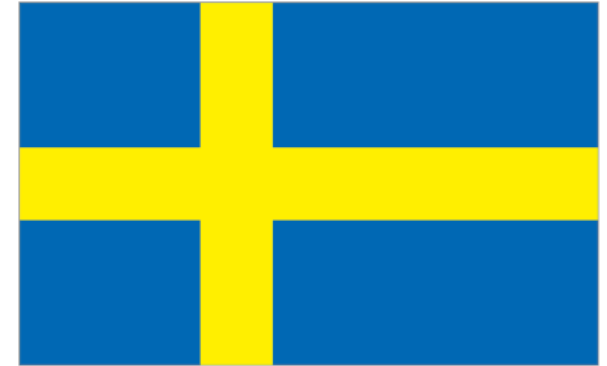
Sweden (Uppsala), May 2008

Positive Points :

- clear focus on LHC and particle astroph.
- excellent phenomenology
- successful efforts to save expertise in accelerator and detector R+D (new CAI laboratory)
- very open and international student community
- strong outreach activities

Points discussed :

- competition for funding partly based on formal aspects
- Strategic planning beyond LHC to be discussed and developed





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Council Sessions December, January, March, June





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- the Secretariat would comprise:

a) a **Scientific Secretary**, who would be a **senior European physicist** commanding wide respect within the particle physics community, to be elected by the Council at the European Strategy Session. The first appointment would be made directly from candidates proposed by Member State delegations. The procedure to be applied to future appointments would be determined in the framework of the ongoing general review of appointment procedures;

b) the **SPC Chair**,

c) the **ECFA Chair**,

New secretariat to European session of council, prepared by Herten working group, approved by council in march

d) the **representative of the European Laboratory Directors' meeting** elected by the latter to attend the European Strategy Sessions;

In addition, the **CERN Director-General** should be closely associated with the Secretariat's work.



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in the run-up to the five-yearly meeting of the **European Strategy Group**, an *ad hoc* **Preparatory Group** would be formed, very similar to that which prepared the Zeuthen meeting in 2006, which would comprise

- four members nominated by the SPC,
- four members nominated by ECFA and
- the four members of the Secretariat.

During the june meeting of the European Session of Council **Steinar Stapnes** has been elected Scientific Secretary, i.e. chair of the ESC secretariat





### ICFA Meeting DESY, February 2008

- ICFA Statement on budget cuts in US / UK :

Message to particle physics community that there is a desire to continue the ILC, and to politicians that being a reliable international partner is important in science. Continuity in science funding is crucial, as is honoring of past commitments.

Statement available on ICFA Website and [interactions.org](http://interactions.org).

- SLAC will host the next ICFA Seminar from Tuesday 28 October to Friday 31 October 2008 (see later in this report)



### Outcome of HEP FP7 Applications

2 applications from HEP community in february

Final contract negotiations still under way but likely result :

- Accelerator R+D proposal **EUCARD** to be supported by EU with 10 M€ (15 M€ requested in proposal). Prioritisation required, recommendations given by referees.
- Detector R+D proposal **DEVDET** not likely to be supported due to lower ranking

**RECFA / ECFA express their thanks to those contributing to these efforts**



## EU funding score card for accelerator R+D

FP6 121 M€ funded in EU projects (partly nucl. physics)  
incl. 35 M€ EU support

FP7 67 M€ funded in EU projects  
incl. 24 M€ EU support

more calls to come in FP7




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http://www.lhecg.org.uk  
event.lhecg@sls.fhnw.ch

## First ECFA-CERN Workshop on the LHeC

Electron-proton and electron-ion collisions at the LHC

1-3 September 2008  
Esplanade du Lac, Divonne, France




**Steering Committee**

- Günther Bruening (CERN)
- John Dainton (Liverpool)
- Albert De Roeck (CERN)
- Stefano Forte (Milano)
- Max Klein (Liverpool, chair)
- Paul Newman (Birmingham)
- Emmanuel Perez (CERN)
- Wesley Smith (Wisconsin)
- Bernd Sürow (MPI)
- Katauo Tokushima (KEK)
- Uta Wiedemann (CERN)

**Scientific Advisory Committee**

- Guido Altarelli (Roma)
- Srin Brodsky (SLAC)
- Allen Caldwell (MPI Muenchen, chair)
- Swapan Chattopadhyay (Cockcroft Institute)
- John Dainton (Liverpool)
- Jos Engelen (CERN)
- Joel Ferrasse (Hamburg/Saclay)
- Roland Carobly (CERN)
- Roll Heuer (DESY)
- Roland Horisberger (PSI)
- Young-Kee Kim (Fermilab)
- Abraham Levy (Tel Aviv)
- Lev Lapatoz (St Petersburg)
- Karlheinz Meier (Heidelberg)
- Richard Milner (MIT)
- Steve Myers (CERN)
- Alexander Skrinsky (Novosibirsk)
- Anthony Thomas (Lab)
- Steve Vignati (Brookhaven)
- Ferdinand Willeke (Brookhaven/DESY)
- Frank Wilczek (MIT)

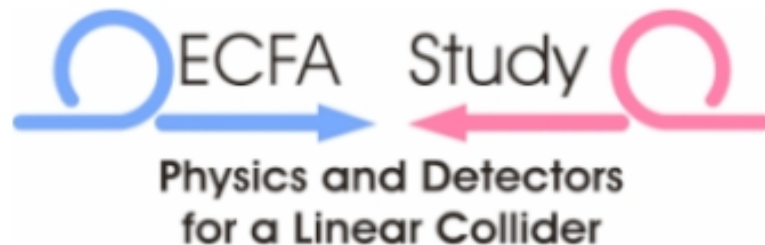
 European Organization for Nuclear Research

## Overview of current ECFA sponsored activities

Two ECFA Workshops this year :

ILC (Warsaw) in June

LHeC (Divonne) in September



**International Linear Collider  
ECFA Workshop  
9-12 June 2008  
Warsaw, Poland**



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Ad-hoc working group set up by RECFA to evaluate the physics potential and the technologies of future high luminosity b-factories, in particular the Frascati Super-b project.

T. Nakada (Chair), B. Spaan, Y. Karyotakis, F. Linde

Substantial efforts going into lab visits and preparation meetings

Timeline :

Intermediate report at RECFA-DESY, final report at RECFA-Greece (october), presentation to ECFA in november, to be used in European Strategy Process

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EPS-HEPP Board Meeting in Cracow

Mostly dedicated to prepare EPS2009

RECFA/ECFA : 18.7.2009

Morning : RECFA                      **Afternoon : OPEN (!) ECFA**

Made sure that Open ECFA is announced as a **public event open to ALL conference attendees**

PLEASE PROVIDE INPUT FOR SUBJECTS / SPEAKERS VIA  
YOUR NATIONAL RECFA DELEGATE

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ICFA Seminar at SLAC, 28. -31. October 2008

Provide global overview of HEP science, future options and structures for scientists and science policy makers

Programme currently being planned

Participation by invitation. European coordination via ECFA.

RECFA delegates will provide national name lists for participation

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Chairperson for the European Particle Physics Outreach Group (EPPOG)

EPPOG receives mandate from ECFA and HEPP (EPS)

Current chair : Erik Johansson (2 x 3 years), will step down end of 2008

Procedure :

ECFA members have been asked to provide nominations

RECFA discussed nominations yesterday

4 (3) names forwarded to EPPOG, election in august

EPPOG report to ECFA in november

ECFA ratification in november

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## **REMAINING ECFA 2008 DATES**

### **Country visits by RECFA :**

Portugal : march, 28/29

Sweden : may, 9/10

Greece : october, 10/11

### **Plenary ECFA :**

DESY : july, 17/18

CERN : november, 27/28

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**Mid-term reports due** during 2008 P-ECFA meetings :

DESY Meeting : mid-term report Finland

CERN Meeting : mid-term reports **Austria, Italy, Slovak Republic.**

2009 planning under preparation, timetable will be presented in november.

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## Proposed Changes to ECFA Terms of Reference

- New CERN structures (European Strategy)
- Election of RECFA members
- Recent changes at DESY
- Gran Sasso / Frascati representation

RECFA recommendation : Make only minor modifications





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### 2. ACTIVITIES

To achieve these aims ECFA can engage in - among others - the following activities:

- (a) regular meetings of Restricted and Plenary ECFA;
- (b) ad hoc symposia and conferences sponsored or organized by ECFA;
- (c) study groups, set up by ECFA, or jointly with other organizations, for special problems;
- (d) demographic studies of the high-energy physics community and resources in the ECFA countries, repeated at regular intervals.
- (e) monitoring of the ongoing implementation of the European Strategy for Particle Physics in the CERN member states under activity (d), presentation of corresponding status reports to the European Session of Council.



### 7. RESTRICTED ECFA

Restricted ECFA is composed of one member per country, confirmed every three years and generally appointed for at most two three-year periods . The Director-General of CERN, the Director of the Frascati National Laboratory and the Director for Particle Physics at DESY are ex-officio members.

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