

New PECFA/RECFA Members

Endorse and Welcome new PECFA members:

- E. CORTINA, Belgium, replacing C. VANDER VELDE, as from 1 January 2013
- K.V. RIISAGER, Denmark, replacing U.I. UGGERHOEJ, as from 1 January 2013
- M. DAM, Denmark, replacing H. BOGGILD, as from 1 January 2013
- M. SUMBERA, Czech Republic, replacing Z. DOLEZAL, as from 1 January 2013
- J. RATHSMAN, Sweden, replacing L. LÖNNBLAD, as from 1 January 2013
- O. STEINKAMP, Switzerland, replacing X. WU, as from 1 January 2013

Endorse and Welcome new RECFA members:

- J. D'HONDT, replacing R. ROOSEN as Belgian RECFA representative, as from 22 Nov. 2012
- Z. DOLEZAL, replacing J. CHYLA as Czech RECFA representative, as from 1 January 2013
- L. RIVKIN, replacing T. GEHRMANN as Swiss RECFA representative, as from 1 January 2013

Report from the chairman

M. Krammer

HEPHY, Vienna, Austria

Report news since last PECFA meeting

- News from CERN Council
- ECFA Panels and Workshops
- RECFA Country Visits
- ICFA Matters
- EPS HEPP Board
- Agenda 2013
- ECFA Scientific Secretary

News from CERN Council

In the 164th session CERN Council elected Professor **Agnieszka Zalewska** as its 21st President for a period of one year renewable twice, with a mandate starting on 1 January 2013. Professor Zalewska takes over from Michel Spiro who comes to the conclusion of his three-year term at the end of December.



ECFA Panels

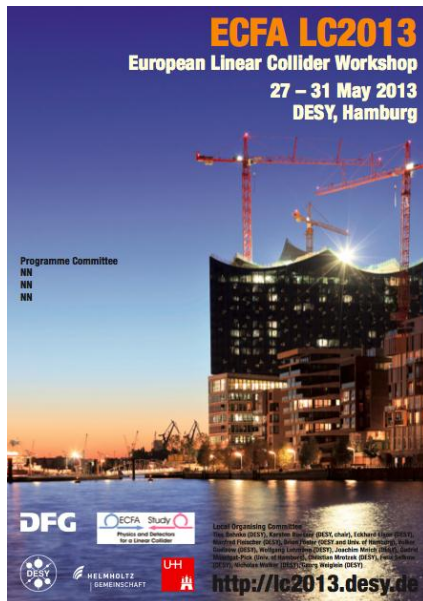
- **Review Panel for LHeC CDR** (chair Th. Müller)
LHeC CDR (ECFA/NuPEC sponsored study)
J. Phys. G: Nucl. Part. Phys. **39** (2012) 075001
ECFA Review Panel completed
 - Intermediate report given to PECFA July
 - Final memorandum for endorsement today (attached to agenda)(Apologizes from Th. Müller for not being able to be here today)

ECFA sponsored Workshops

European Linear Collider Workshop ECFA LC2013

27-31 May 2013, DESY, Hamburg

<http://lc2013.desy.de>



Workshop “HL-LHC: Physics and Technologies”

Initiated by spokespersons of ATLAS
and CMS.

- Proposal to hold an ECFA sponsored 3 day workshop
- All 4 large LHC experiments eager to participate
- The venue should be not too far from CERN
- Probable date is 1st week in September

RECFA Country Visits 2012

- Netherlands February 17/18
- Poland May 11/12

- Italy October 5/6
- Serbia October 19

(Following the ratification of Serbia of the agreement for accession to CERN as associated member as the pre-stage to full membership)

Midterm reports by Czech Republic (PECFA July 19/20), Russia (today)
UK and Germany asked to be postponed to 2013

RECFA visit to Italy



- Very strong contributor to particle and astroparticle physics in Europe.
 - Farsighted, strategy planning through INFN.
 - Large research infrastructure in the country: Laboratories in Catania, Frascati, Gran Sasso, and Legnaro, Tier 1 in Bologna
 - Large contributions to all four large LHC experiments during design and construction, operation and exploitation.
 - Excellent: theory, computing, outreach, etc.
- At Frascati, DAPHNE machine and KLOE operating at luminosity frontier, high power injector for free electron laser
 - Issues discussed: freeze on research appointments, difficult early career progression, bureaucratic procedure for personal hiring

RECFA visit to Serbia



- First RECFA visit to Serbia.
- Very enthusiastic community.
- Serbian colleagues contributing already since a long time to experiments at CERN.
- Grid project in Serbia is a very positive example for technology and experience transfer – suggestion to repeat the success with detector R&D (CERN detector school as jump start)
- Discussion on how Serbia can make best use of CERN membership: scientifically; through CERN programs for students, engineers, teachers, etc.; economically through the involvement of companies (industrial liaison officer being set up)
- The meeting concluded with a very positive and constructive discussion with the Serbian Minister of Education and Science

ICFA Matters

ICFA.....International Committee for Future Accelerators

2 meetings in 2012:

Oxford Feb. 2/3 and Melbourne July 8 during ICHEP2012

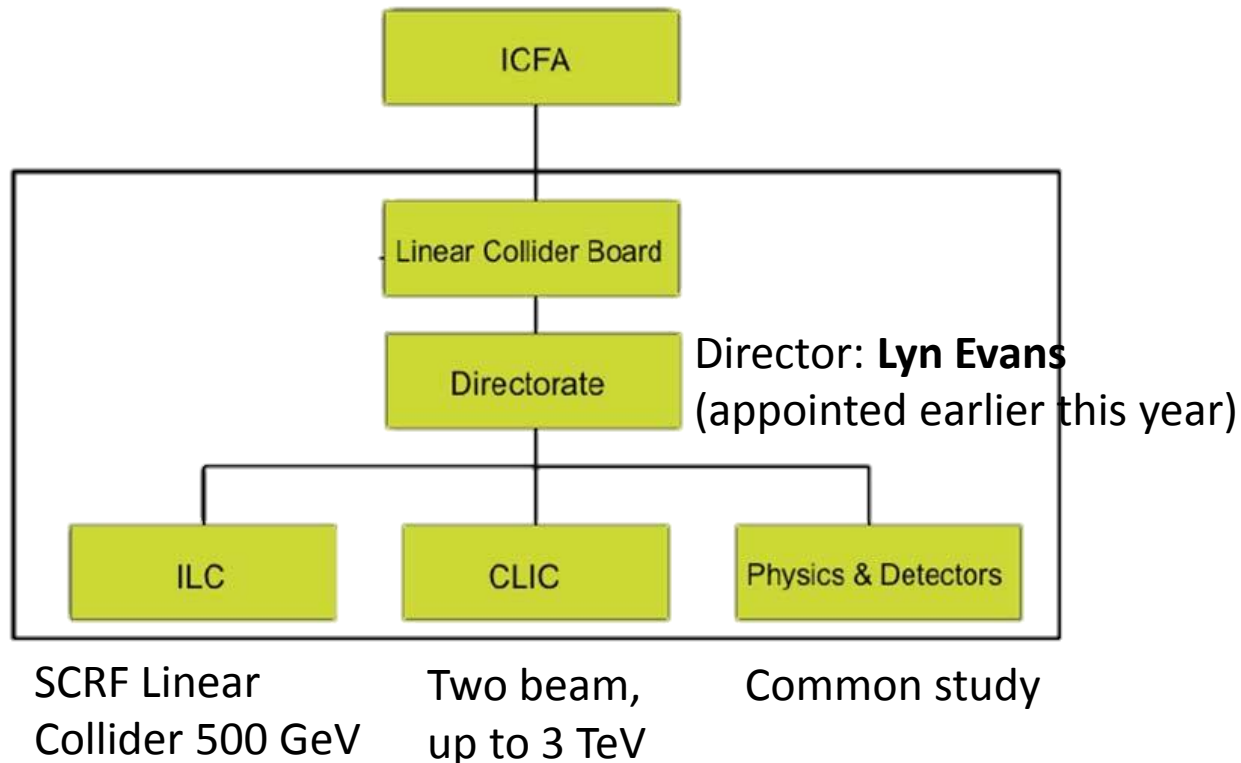
Main issue: **Post TDR Linear Collider organization:**

Mandate for present organization (GDE) ends end of 2012 (prolongated until mid 2013 to follow review process of the TDR).

New structure will also include CLIC effort.

New LC Organisation

ILCSC (International Linear Collider Steering Committee) and ICFA agreed on new organization :



New LC Organisation - LCB

Mandate of LCB defined in Melbourne

The Linear Collider Board is an ICFA Subcommittee which will oversee the world linear collider effort.

http://www.fnal.gov/directorate/icfa/recent_lc_activities_files/Linear_Collider_Board_Melbourne.pdf

A committee was installed to nominate LCB members

2 members per region: Americas: Oddone (chair), Trischuk,

Asia: Komamiya, Jie Gao; Europe: Krammer, Mnich

- Prepare the nominations of board members to ICFA. Try to achieve balance regarding expertizes.

Joint meeting of ILCSC and LCB in February 2013 (Vancouver):

Last meeting of ILCSC – first meeting of LCB !

New LC Organisation - LCB

LCB Membership: see mandate point 14 a

The LCB will consist of 16 people appointed by ICFA, five from each region, plus one chair. Each region will recommend its members according to its own processes, for three-year terms. The members should represent all major stakeholders in the program, with appropriate balance within each region. The members should include the directors of the major particle physics laboratories, as well as at least one community representative from each region.

European LCB Members

After several discussions and the consultation of many colleagues the ELCSC (European Linear Collider Steering Committee) converged to the following proposal for the 5 European members:

- DG CERN (R. Heuer)
- Director Particle Physics DESY (J. Mnich)
- Representative of Russia (Director Dubna, V.A. Matveev)
- Two representatives from the European community, nominated by RECFA and endorsed by PECFA
 - One person representing Accelerator physics
 - One person representing Detector and Physics

Both ILC and CLIC activities should be represented by the two community representatives, aiming for a proper balance of the two communities in the overall representation.

European LCB Members

The ELCSC recommended to RECFA the following community representatives

- **L. Rivkin** as the representative for Accelerator physics
- **F. LeDiberder** as the representative for Detector and Physics

In its meeting Oct. 6 RECFA supported this recommendation.

Request for endorsement from Plenary ECFA today.

European LCB Advisory Board

Additionally an “European Advisory Board” will be set up for these European members of LCB to enable the involvement of more European members of the LC community (ILC and CLIC) in the discussions and decisions.

- European members of LCB invite additional colleagues.
- RECFA should receive this list to take note and if appropriate make additional suggestions.

ICFA Neutrino Panel

ICFA decided to set up a Neutrino panel

- Mandate: To promote international cooperation in the development of the accelerator-based neutrino-oscillation program and to promote international collaboration in the development of a neutrino factory as a future intense source of neutrinos for particle physics experiments.
- Panel should consist of 16 members (5 from each region plus chair).

To define European members, RECFA representatives were asked for nominations. Many nominations received.

Ken Long plus a representative from RECFA (F. Linde) will prepare final nomination to be discussed in RECFA.

EPS HEPP Board

EPS HEPP Board....EPS High Energy Physics Board

- **EPS HEP 2013 Conference with a joined EPS-ECFA session**
Stockholm July 18-24 2013, EPS-ECFA session on Saturday
Theme of the session:
“Particle Physics after the European Strategy Update”
- **EPS HEP 2015:** EPS HEPP Board decided to hold 2015 the EPS conference in Vienna, July 2015, University of Vienna
Jointly organized by the particle physics institutes of the University of Vienna, the University of Technology, and the Institutes of the Austrian Academy of Sciences

Agenda 2013

Country visit dates and RECFA meetings in 2013:

- France March 15/16
- Denmark May 3/4
- Hungary October 4/5
- 4th visit still under discussion

Plenary ECFA meetings in 2013:

- Joint EPS-ECFA session, EPS-HEP Stockholm, Saturday July 20
- 2nd Plenary ECFA at CERN, November 21/22

ECFA Scientific Secretary

Ken Long serving as ECFA secretary since July 2010

Because of other commitments he asks to be replaced end of 2012.

Many thanks to Ken! His work eased the transition from the previous ECFA chairman to me significantly.

I would like to propose as new ECFA scientific secretary for a period of 3 years

Calin ALEXA (RECFA representative of Romania)

Request for Endorsements by Plenary ECFA

Memorandum by LHeC Review Panel

Summary (full report attached to agenda)

The LHeC CDR of a Large Hadron Electron Collider (LHeC) will constitute an important input to the update of the European Strategy in Particle Physics that will take place during 2012- 2013.

ECFA acknowledges the large effort, enthusiasm and ingenuity of the LHeC community shown in the CDR.

It is our opinion that only the linac-ring option is viable. We point out that there are still important issues to be addressed concerning the physics potential, the accelerator and the detector.

We regard the design effort carried out on the machine as very valuable also for other projects.

Most important is to assemble a strong community in particle and nuclear physics to push further this challenging project, and to secure resources for the ensuing R&D projects towards the formulation of a TDR.

European Community Representatives for the Linear Collider Board

In the meeting Oct. 6 RECFA nominated the following two community representatives and asks Plenary ECFA for endorsement in its 92nd meeting November 22/23:

- **L. Rivkin** as the representative for Accelerator physics
- **F. LeDiberder** as the representative for Detector and Physics