



ECFA - European Committee for Future Accelerators

Chairman's Report (8/2009 – 11/2009)

RECFA Country Visit

ECFA Study Groups

CERN Council/ILCSC/ICFA/DESY SC



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Russia, October 15/16 in Moscow hosted by Russian Academy



Positive Points :

Long tradition of numerous national institutes with well-established accelerator expertise and infrastructure for large mechanical work

- Good contribution to the LHC programme
- Strong astroparticle physics

Points discussed :

- Lack of scientific body to coordinate funding, future projects, and over all strategies.
- Clear opportunities for young people and outreach activities.





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Joint ECFA/DESY Study on Physics and Detectors for a Linear Electron-Positron Collider :

LC physics detector workshop in September 2010 at CERN
(same time with ILC/CLIC machine workshop)

ECFA LHeC Study

2009 Workshop September in Divonne
Detailed presentation by M. Klein

ECFA Neutrino workshop

2009 Workshop September at CERN
Detailed presentation by A. Blondel



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ECFA Report to CERN Council (9/2008 – 8/2009)

Country Visits and Mid-Term Reports

ECFA Study Groups

ECFA involvement in ICFA / DESY ESC / EPS



ILCSC Hamburg, August 2009

Last session to be chaired by E. Iarocci. The next chair
J. Bagger

ILC TDR for 2012.

ILC-CLIC collaboration becoming more formal: J-P. Delahaye
joined GDE EC, B. Foster has joined the CLIC Steering
Committee. It is foreseen to set-up joint (a) working
group(s?). A common declaration of collaboration is being
prepared.



ILCSC Hamburg, August 2009 (continue)

IDAC (International Detector Advisory Committee) has validated two detector concepts from 3 LoI's: "a detector can be validated if (1) the overall concept has an expected performance suited to the physics program of ILC and (2) the proposing group has the scientific and technical ability to reach its goal, both through continued R&D and by investing enough resources to collaborate with the ILC project toward a detailed baseline study."

ILD and SiD validated. "They should both demonstrate a feasible solution at the end of the TDR phase of the accelerator." The Fourth not validated. "However R&D on dual readout calorimetry should be supported in view of its potential for higher energy colliders."



ICFA Hamburg, August 2009

Endorsed a request to form an ICFA-International Committee for Ultra Intense Lasers joint Task Force for application of future laser acceleration.

Approved to make the International Study Group for “particle physics data preservation” as an ICFA subgroup and nominated Cristinel Diaconu as the chair.

International High Energy Physics Computing Coordination Committee terminated and ICFA Standing Committee for Inter-regional Connectivity’s mandate slightly broadened to include Digital Divide issue on computing and storage.



Council week 14-18 09.2009

SPC 14-15.09

Finance Committee 16.09: method how to calculate the annual contributions

Council restricted session 17.09: Geographical and scientific enlargement, membership applications (Cyprus, Israel, Serbia, Slovenia, Turkey)

⇒ See also report by R. Heuer

Council European Strategy session 18.09:
Detailed report by S. Stapnits



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DESY Scientific Council; 16-17 11.2009

See DESY report by J. Mnich