APOLOGIES RECEIVED

Members:

T. ÅKESSON	PRESIDENT OF COUNCIL
P. BUCHHOLZ	GERMANY
V. CERNY	SLOVAKIA
E. COCCIA	INFN
Th. HEBBEKER	GERMANY
M. KRAMMER	AUSTRIA
D. LINGLIN	FRANCE
C. LUTKEN	NORWAY
Th. MULLER	GERMANY
A. SISSAKIAN	RUSSIAN FEDERATION
M. CALVETTI	ITALY
U. RATZINGER	GERMANY

ECFA IS ASKED TO APPOINT THE FOLLOWING NEW MEMBERS PROPOSED BY MEMBER STATES

Prof. T. NAKADA, Switzerland, replacing Prof. U. STRAUMANN as from 1 Jan. 2008
also Swiss delegate to RECFA
Dr M. WEBER, Switzerland, replacing Dr T. SPEER as from 1 January 2008

Prof. M. LINDNER, Germany, replacing Prof. T. HEBBEKER as from 1 Jan. 2008

Prof. D. ZEPPENFELD, Germany, replacing Prof. J. KÜHN as from 1 Jan. 2008

Dr Y. KARYOTAKIS, France, replacing Dr R. ALEKSAN as from 1 November 2007

Also French delegate to RECFA

Dr D. LACOUR, France, replacing Dr U. BASSLER as from 1 November 2007

REPLACEMENTS FOR THIS MEETING

Prof. V. KARJAVINE, replacing A.N. SISSAKIAN for this meeting.

Report by the Chairman

Reporting period : July (EPS Manchester) - November

ECFA related activities

- Country Visit Germany (October)
- Letter from CZ Minister
- CERN Council Week (September)
- DESY ESC (November)
- ICFA Meeting Daegu (August)
- ILCSC Meetings Daegu (August) and FNAL (October)
- FP7 Applications : Accelerator R+D / Detectors

Report by the Chairman

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RECFA visit Germany, Berlin, 5./6. October, Agenda

Open session

Friday 05 October 2007
from **09:00** to **16:30**
at **Magnus Haus, Berlin**
chaired by: ***Bernhard Spaan (Dortmund)***

Description: Open session of R-ECFA meeting in Magnus Haus, Am Kupfergraben 7, D - 10117 Berlin, 5 October 2007
Web site: http://www.dpg-physik.de/dpg/magnus/index.html

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09:00	Welcome/Introduction (05')	Bernhard Spaan (*Dortmund*)
09:05	Welcome from the BMBF - Fundamental Science in Germany (25') (Slides)	Beatrix Vierkorn-Rudolph (*BMBF*)
09:30	Overview of Particle Physics in Germany (35') (Slides)	Peter Mättig (*Wuppertal*)
10:05	Particle Physics at DESY (25') (Slides)	Rolf Heuer (*Deutsches Elektronen Synchrotron (DESY)*)
10:30	COFFEE	
11:00	Accelerator Particle Physics (35') (Slides)	Siegfried Bethke (*Max-Planck-Institut fur Physik*)
11:35	Particle Theory in Germany (25') (Slides)	Thomas Mannel (*Siegen*)
12:00	Non-Accelerator Particle Physics in Germany (20') (Slides)	Christian Weinheimer (*Münster*)
12:20	Astroparticle Physics in Germany (20') (Slides)	Lutz Koepke (*Mainz*)
12:40	Detector Development in Germany (20') (Slides)	Norbert Wermes (*Bonn*)
13:00	LUNCH	
13:50	Computing for the LHC in Germany (20') (Slides)	Günter Quast (*Karlsruhe*)
14:10	Accelerator Physics in Germany (20') (Slides)	Hans Weise (*DESY*)
14:30	Physics with High Energy Heavy Ions (20') (Slides)	Johanna Stachel (*Heidelberg*)
14:50	Outreach and Communication (20') (Slides)	Thomas Naumann (*DESY*)
15:10	Education in Physics in Germany (20') (Slides)	Thomas Trefzger (*Würzburg*)
15:30	The graduate students view (20') (Slides)	Carsten Magass (*Aachen*)
15:50	COFFEE	

Positive Points :
- supportive government
- new Funds for PP (CERN programmes, DESY-HGF Alliance)
- new role of DESY after HERA shutdown
- scientific programme
- technical competence of university
- young researchers programmes
- quality of students and young researchers

Points discussed :
- complex funding structures
- lack of permanent positions
- brain drain
- Ph.D. salaries

Response from Czech Minister Dana Kutchava to letter from ECFA Chair

Thank you very much for your letter of June 18, 2007, Ref. No.: ECFA/Secr./07/1442 in which you informed me about the meeting of the European Committee for Future Accelerators held in March 2007 in Prague. We welcomed the possibility to organize this meeting of ECFA in this country because it allowed us to present to the members of the Committee the Czech Republic and its scientific community as a country supporting research and development as broadly as it is acceptable by the economic level of the country and as it follows the long tradition in this country.

The support of research and development in this country comes from the conviction that the way to knowledge based economy and knowledge based society are the guarantees of the improvement of quality of life. Our support also follows the Lisbon strategy, the aim of which is to reach the high competitiveness of Europe as soon as possible. But it is not only the purely economic return of invested financial means but also of general cultural level and reasonable assessment of scientific knowledge to the benefit of all citizens. It is necessary to draw scientific results near to all and popularization of sciences helps a lot to this process. "Science and the streets" is one of the means how to support the popularization of scientific results and we are keen to support this idea which came to life in the Czech Republic.

Dear Professor Meier, I wish you sincerely success at the preparation of new future accelerators which will help to push scientific knowledge of nature ahead and I wish you all the best in your personal life.

ICFA Meeting Daegu (September)

- Approval tof he ILC reference design report (RDR)
- Appointment of new ILCSC chairman: Enzo Iarochi following Shin-Ichi Kurokawa
- ICFA did not support a formal involvement in worldwide neutrino physics coordination
- ICFA endorsed the European initiative on open access publishing
- Reports from ICFA panels on instrumentation, beam dynamics and interregional connectivity

ILCSC Meetings Daegu (August) and FNAL (October)

- ILCSC approved the time planning for the Engineering Design Report (following the RDR) which will be compatible with a construction start in 2012
- The ILC costs were evaluated by an international review committee which confirmed the RDR numbers with very good precision

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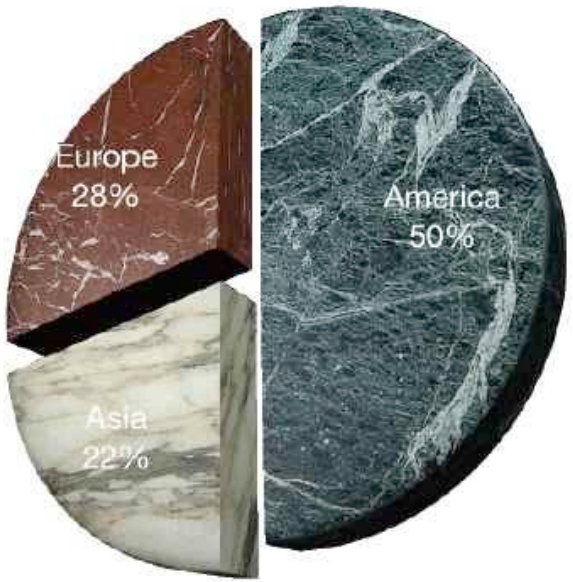
- Barry Barish presented a membership overview of the GDE for the EDR (467, CERN role, Japan industry)
- Importance of ILC Governance Model and more formalised funding approach were pointed out



ILCSC Meetings Daegu (August) and FNAL (October) (cont'd)
Orbach presentation at ILC week (FNAL)

- US involvement in ILC has to follow DOE order 413.1 (Sequence of "Critical Decision" (CDs))

- Key issue for recognition if ILC activities as an official DOE project : Matching resources from from other regions. This is to some extend an issue of proper accounting (e.g. distributed fund in Europe, no central project with clearly defined budget).

- Current recognised US budget : 60 M$ / a

- Strengthens GDE request for an ILC governance concept, more formalised funding approach

ILC Detector related issues

- Research Director Sakue Yamada started to work mid-september

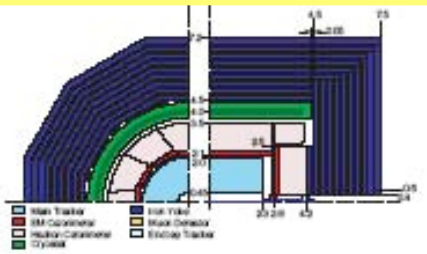
- LoI call has been published. Goal to select 2 complementary designs. Presentation november 2008 (t.b.c.)

- IDAG (15+3 members) to be formed now :

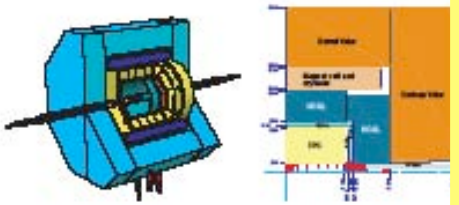
  HEP Physicists
  Detector/System Experts
  Accelerator Experts
  Theorists / Phenomenology

European proposals issued via ELCSC

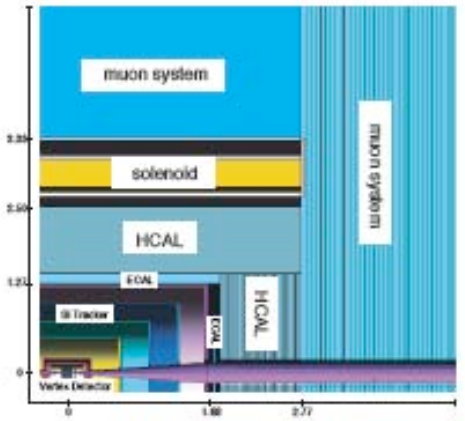
GLD



LDC



SiD



4th

FP7 Applications : Accelerator R+D and Detectors

Important European HEP related coordination activities :

- Accelerator R+D : ESGARD (Roy Aleksan)
- Detector R+D : N. McCubbin and S. Stapnes, RECFA coordination group for detector R+D

Fund matching of applications discussed in RECFA

From Roy Aleksan

FP7-Planning of calls and indicative budget

Total operational budget 1665 M€	*Call 1 2007*	*Call 2 2007*	*Call 3 2008*	*Call 4 2008*	*Call 5 2009*	*Call 6 2010*	*Call 7 2012*
Integrating activities			**277**			**x**	**x**
e-Infrastructures	**42**	**50**		**113**	**x**		**x**
Design studies	**31**					**x**	
Construction – Support to the Preparatory Phase	**147**					**x**	
Construction – Support to the Implementation Phase		**RSFF (200 M€) + 130 M€**					
Policy Development and Programme Implementation	**8**	**14**	**5**		**x**	**x**	**x**
Total per call (M€)	**228**	**64**	**282**	**113**			

From Roy Aleksan

ry of Accelerator R&D projects proposed in FP7 1st call

Accelerator R&D proposals submitted by our community on May 2nd, 2007

2 Constr.of new Infrastructure (CNI) preparatory Phase (SLHC and ILC)

- 2 Design Studies (DS) (EuroNu and EUROCRAB)

Project	Type	Beam Type	Start date	Years	Total Cost	EC contribution
SLHC Preparatory	CNI	proton	1/1/08	3	11.3 M€	5.2 M€ (~80%)
ILC-HiGrad Preparatory	CNI	e^+,e^- (LC)	1/1/08	3	10 M€	5.0 M€ (~70%)
EuroNu	DS	neutrino	1/1/08	4	14.4 M€	4.0 M€ (~83%)
EuroCRAB	DS	e^+,e^- (also p)	1/1/08	3	6.44 M€	0 M€
Total					>42 M€	14.2 M€ 65%

ESGARD

- Proposal for Integrating Activity (IA) on accelerator R&D under preparation.

-ESGARD meeting with funding agencies to validate the main line of the proposal (December 7th).

- Expected EC contribution around 15 M€

- Negotiations of the already approved FP7 proposals (CNI-Preparatory phase and Design Study) are going on and will be finalized end of the year.

http://project-fp7-detectors.web.cern.ch/project-FP7-detectors/Default.htm

RECFA Coordination Group for Detector R&D in FP7 Programs

- The Coordination Group
- The National Contact Group
- General Talks and Presentations
- Useful Links
- Outline of IA Proposal
- Workshop December 2007

A RECFA Coordination Group for Detector R&D in FP7 Programs was proposed and discussed in the RECFA meeting in London in May 2007.

The Coordination Group has members representing the major detector systems currently being planned - together this group has a very good overview of European Detector R&D. It was also decided to create a National Contact Group to help to make sure the various major national activities were involved at the correct level, and that there is coordination at a national level such that number of EU contract partners can be kept at a reasonable level.

After a further discussion in the REFCA meeting in Manchester the coordinaton group was established and meet for the first time September 20. During the month of August all RECFA representatives were asked to suggest members of the National Contact Group.

The organisation has as main goals:

- To plan and coordinate FP7 EU applications for the European Particle Physics Community, involving the European community as a whole.
- Specifically for the upcoming Integrated Activity call in November; aim for one good proposal addressing the most central European infrastructures for Detector R&D

Structure :

Organisation Group led by Norman and Steinar :

Joachim Mnich, EUDET (Linaer Collider Detectors)
Nigel Hessey and Jordan Nash, upgrade coordinators ATLAS, CMS
Lucie Linssen representing CERN
Rolf Heuer representing DESY
Alain Blondel representing neutrino detectors
Francesco Forti representing flavour factory detectors
One person from ESGARD (or/and frequent communication ESGARD)

21 national contact persons identified via RECFA delegates

Meeting with national contaczs december, 7th

From Steinar Stapnes

Proposal strategy

- Priorities:
  1. Common detector R&D facilities needed 2009-2012 (as identified by representatives of the coordination group)
     - Testbeams, Irradiation facilities, Electronics development tools, Software tools - focus on items/projects which adapt them to next detector R&D stage
  2. SLHC detector R&D facilities
     - Adaptation of the facilities/tools for SLHC detector R&D
  3. Linear Collider Detector R&D facilities
     - Focus on facilities that allow follow up of EUDET (combined set up and testing of detectors), plus related electronics, software and detector integration tools
  4. Neutrino detector Detector R&D facilities
     - Study of detector elements in testbeams, electronics and software development, detector integration tools
  5. SuperB (mostly covered by above)
     - Testbeam measurements, irradiations, detectors and software