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28 September 2012

ORGANISATION EUROPÉENNE POUR LA RECHERCHE NUCLÉAIRE  
**CERN** EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH

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COUNCIL

Hundred-and-sixty-third Session

Geneva – 22 June 2012

OPEN SESSION

MINUTES

As the Draft Minutes (CERN/3031, dated 28 August 2012) were approved without amendment at the Hundred-and-sixty-fourth Session of the Council on 20 September 2012, the attached document can be regarded as the **final version**.

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DRAFT MINUTES

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(Prof. M. Spiro)

Annex 2: Report on the 339<sup>th</sup> and 340<sup>th</sup> Meetings of the Finance Committee held on 14 March and 20 June 2012  
(Dr B. Jacobsen)

Annex 3: Comments on the Annual Progress Report 2011  
(External Auditors)

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(External Auditors)

Annex 5: Comments on the CERN Pension Fund  
(External Auditors)

Annex 6: SPC Chairman's Summary of Conclusions  
(Prof. F. Zwirner)

## LIST OF PARTICIPANTS

<u>President:</u>	Prof. Michel Spiro	France
<u>Participants:</u>	Mrs Sabine Pölzl	Austria
	Prof. Walter Van Doninck	Belgium
	Prof. Leandar Litov	Bulgaria
	Dr Rupert Leitner Mr Ondřej Novák	Czech Republic
	Mr Peter Sloth	Denmark
	Prof. Dan-Olof Riska	Finland
	Dr Catherine Cesarsky	France
	Prof. Siegfried Bethke Dr Thomas Roth Dr Beatrix Vierkorn-Rudolph	Germany
	Prof. Evangelos Gazis Prof. Petros Ravidis	Greece
	Prof. Peter Levai Prof. Gyoergy Vesztergombi	Hungary
	Prof. Maurizio Biasini Prof. Fernando Ferroni Min. Amedeo Trambajolo	Italy
	Prof. Sijbrand De Jong	Netherlands
	Prof. Eivind Osnes	Norway
	Mr Michael Waligorski Mrs Ludmilla Wiszczor Prof. Agnieszka Zalewska	Poland
	Not represented	Portugal
	Mr Martin Kabac Prof. Branislav Sitár	Slovakia

Prof. Carlos Pajares Vales Mr Luis Eduardo Ruíz	Spain
Prof. Barbro Åsman Dr Mats Johnsson	Sweden
Mr Claude Crottaz Mr Bruno Moor Mr Pascal Pardo Prof. Ulrich Straumann	Switzerland
Dr Graeme Reid	United-Kingdom

Candidate Member State:

Prof. Florin Buzatu Ms Rolanda Predescu	Romania
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Associate Member State/Pre-stage to Membership:

Prof. Eliezer Rabinovici	Israel
Ms Vesna Filipović-Nikolić	Serbia

Also Present:

Dr Bjorn Jacobsen	Chairman of the Finance Committee
Prof. Manfred Krammer	Chairman of ECFA
Prof. Tatsuya Nakada	Scientific Secretary, European Strategy Sessions
Prof. Fabio Zwirner	Chairman of the Scientific Policy Committee

CERN Officials:

Prof. Rolf-Dieter Heuer	Director-General
Dr Sergio Bertolucci	Director for Research and Computing
Mr Sigurd Lettow	Director for Administration and General Infrastructure
Dr Steve Myers	Director for Accelerators and Technology
Prof. Felicitas Pauss	Head International Relations

External Auditors:

Counsellor Michele Cosentino  
Counsellor Carlo Mancinelli  
Ms Valeria Leopizzi  
Mr Stefano Penati

Observers:

Ms Rita Lečbychová	Representative European Commission
Mr Vipul	Representative of India
Mr Yasuyoshi Kakita Prof. Katsuo Tokushuku Mr Shinichi Shinohara Ms Yukimi Kanzaki	Representatives of Japan
Mr Dimitriy Filatov Prof. Alexander N. Skrinsky	Representatives of the Russian Federation
Mr Ramazan Ercan	Representative of Turkey
Dr Saul Gonzalez Dr Simona Rolli	Representatives of the USA

CERN Services:

Dr Eva-Maria Gröniger-Voss	Legal Counsellor
Mrs Lisa Morris Mr John Pym	Minute-Writers
Mrs Brigitte Van der Stichelen	Council Secretariat

## OPEN SESSION

The meeting resumed in Open Session at 9.30 a.m. on Friday, 22 June.

The PRESIDENT welcomed Mr O. Novák of the Czech delegation and Ms V. Filipović-Nikolić of the Serbian delegation<sup>1</sup>. He also welcomed the External Auditors from the *Corte dei conti* in Rome, Mr M. Cosentino, Mr C. Mancinelli, Ms V. Leopizzi and Mr S. Penati, and the Observers, Ms R. Lečbychová of the European Commission, H. E. Amb. Ms S. Mehta, Mr A. S. Gill and Mr Vipul of India, Mr Y. Kakita, Ms T. Kanzaki, Mr S. Shinohara and Professor K. Tokushuku of Japan, Mr D. Filatov, Mr A. Petrov and Professor A. N. Skrinsky of the Russian Federation, Mr R. Ercan of Turkey and Dr S. Gonzalez and Dr S. Rolli of the United States. Apologies had been received from Dr Siegrist of the United States.

### 1. REPORT ON THE DECISIONS TAKEN AT THE RESTRICTED AND CLOSED SESSIONS

(Item 1 of the Agenda) (Oral)

The PRESIDENT presented his report on the decisions taken at the Restricted and Closed Sessions in March and June 2012<sup>2</sup>.

The Council took note of the President's report.

### 2. REPORT BY THE CHAIRMAN OF THE FINANCE COMMITTEE

(Item 2 of the Agenda) (Oral)

Dr JACOBSEN reported on the matters discussed at the March and June 2012 meetings of the Finance Committee that were not covered by separate items of the current agenda<sup>3</sup>, notably:

- the status of Member State contributions for 2012, of which over 80% had been received to date;

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<sup>1</sup> The Republic of Serbia's notification of ratification of the Agreement concerning the granting of the Associate Membership as the pre-stage to Membership at CERN was received on 15 March 2012

<sup>2</sup> See Annex 1

<sup>3</sup> See Annex 2

- the overall strategy for the 2013-2017 Medium-Term Plan, and the Draft Budget for 2013;
- the 2013 scale of Member State contributions, the corridor for the indexation of contributions and the preliminary cost-variation index for 2013;
- a presentation on the status and outlook of CERN's general infrastructure and consolidation requirements, following which the Committee had invited the Management to submit concrete funding proposals for a renovation and consolidation master plan by the end of the year;
- personnel matters, including a report by the Chairman of TREF and amendments to the Staff Rules and Regulations;
- Pension Fund matters, including a report on the issues addressed by the Governing Board in the first half of 2012, a report on the status of the Fund's assets and implementation of the capital preservation and risk management strategy, and amendments to the Rules and Financial Regulations of the Fund;
- a report on Knowledge and Technology Transfer activities;
- a substantial number of contract adjudications, including the award of a contract for the Tier 0 computer centre in Hungary.

Last but not least, the Committee had heard progress reports on the LHC machine, experiments and computing in both March and June and had expressed appreciation to the Management and all those concerned on the excellent results achieved on all fronts.

The Council took note of the report by the Chairman of the Finance Committee.

### 3. ANNUAL PROGRESS REPORT AND ANNUAL ACCOUNTS (FINANCIAL STATEMENTS) FOR 2011

(Item 3 of the Agenda)

#### a) Annual Progress Report for 2011

([CERN/SPC/985/Rev.-CERN/FC/5606/Rev.-CERN/3005/Rev.](#))

Mr LETTOW introduced the document, noting that the Management had taken on board the valuable input received from the External Auditors as well as from the Finance Committee, the Scientific Policy Committee and the Council and was confident that, in its present form, the Annual Progress Report (APR) met those bodies' requirements for the evaluation of achievements against objectives. Over the past two years since the document's introduction in 2010, efforts had been made to increase coherence across the Annual Progress Report, the Financial Statements and the Medium-Term Plan to facilitate comparison between

them. Most of the recommendations from the External Auditors had now been incorporated, and the Management would strive to incorporate those which were still outstanding in the coming months.

b) Assessment and Comments by the External Auditors on the Annual Progress Report for 2011  
([CERN/FC/5632-CERN/3014](#))

Mr MANCINELLI introduced the External Auditors' comments<sup>4</sup> on the Annual Progress Report for 2011, noting that they were satisfied that all of their suggestions had been or were in the process of being implemented but wished to recommend further effort in linking Key Performance Indicators to the objectives and that the process for doing so be defined in advance of planning activities and projects.

c) Assessment and Comments by the SPC on the Annual Progress Report for 2011  
(Oral)

Professor ZWIRNER reported that the Scientific Policy Committee had discussed the 2011 Annual Progress Report at its March 2012 meeting and had noted that the goals set for the LHC machine had been amply exceeded, paving the way for an impressive physics output by the LHC experiments. The LHC efforts had been accompanied by a diverse and successful programme of non-LHC physics, and the Committee had congratulated the CERN Management, the staff and the users on the excellent performance in 2011 on all fronts. It had further suggested minor modifications to the Annual Progress Report and had taken note at its June meeting that they had been incorporated into the revised version of the document now submitted to the Council for approval.

d) Assessment and Comments by the Finance Committee on the Annual Progress Report for 2011 (Oral)

Dr JACOBSEN reported that, at its March 2012 meeting, the Finance Committee had expressed appreciation for the document, in particular for the report on the achievements and budget comparison with respect to the 2007 White Paper initiatives and to the corresponding four-year funding plan, and had congratulated the Organization on the impressive results of 2011 and the greater than anticipated reduction of the cumulative budget deficit. At its June meeting, following explanations from Mr Lettow in response to questions about trends in personnel costs and FTE numbers over the coming period, the Committee had unanimously

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<sup>4</sup> See Annex 3

decided to recommend the Council to approve the Annual Progress Report for 2011 and to endorse the External Auditors' suggestions for future Annual Progress Reports.

He further reported, in his capacity as Chairman of the Standing Advisory Committee on Audits (SACA), that SACA had examined the 2011 Annual Progress Report, the associated comments by the Scientific Policy Committee, the Finance Committee and the External Auditors and the response by the CERN Management at its meeting on 7-8 June, and had expressed satisfaction with the format of the document. It had further expressed appreciation for the clear link now made between the APR and other key documents such as the Medium-Term Plan and the Annual Accounts with a view to ensuring the transparency and accuracy of the information provided, and had raised no particular concerns about the content.

The Council took note of the Annual Progress Report for 2011 set out in document CERN/SPC/985/Rev.-CERN/FC/5606/Rev.-CERN/3005/Rev., of the presentation by the Director for Administration and General Infrastructure, Mr Lettow, of the statement by Mr Mancinelli on behalf of the External Auditors, of the assessment and comments by the Scientific Policy Committee reported by the SPC Chairman, Professor Zwirner, and of the report by the Chairman of the Finance Committee and SACA, Dr Jacobsen.

On the recommendation of the Finance Committee, the Council decided, by unanimous vote of the delegations represented and voting<sup>5</sup>:

- to approve the Annual Progress Report set out in document CERN/SPC/985/Rev.-CERN/FC/5606/Rev. -CERN/3005/Rev., and
- to endorse the External Auditors' suggestions for future Annual Progress Reports.

e) Annual Accounts (Financial Statements) for the Financial Year 2011  
([CERN/FC/5633-CERN/3015](#))

f) Report by the External Auditors on the Annual Accounts for the Financial Year 2011  
([CERN/FC/5634-CERN/3016](#))

g) External Auditors' Report on the Annual Accounts for the Financial Year 2011:  
Comments by the Management  
([CERN/FC/5635-CERN/3017](#))

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<sup>5</sup> The Portuguese delegation was not represented for the vote.

Mr LETTOW presented documents CERN/FC/5633-CERN/3015 and CERN/FC/5635-CERN/3017, reporting that over 90% of the External Auditors' recommendations for the document had been implemented or were in the process of being implemented. As far as the outstanding recommendations were concerned, the Management undertook to include more detail on the reasons for variations in material and personnel expenses in a given year in the Budget out-turn section, would seek to achieve a more harmonised approach across the departments with regard to inventories of fixed assets and intended to commission an in-depth actuarial study by independent experts as a basis for the continued monitoring of the evolution of the CERN Health Insurance Scheme.

Finally, regarding the negative net assets to which the External Auditors had drawn attention in their audit certificate, he wished to underline that the negative figure was essentially a consequence of adopting IPSAS accounting standards, which required the Organization to calculate the value of the assets according to a fixed discount rate and to record the present value of its long-term liabilities for post-employment benefits (Pension Fund and CHIS) in a closed-fund situation. The issue had been discussed at length at the Finance Committee and the Restricted Council Session earlier that week, and the Management had urged the Member State delegations to avoid drawing conclusions on the need for immediate action, bearing in mind that the IPSAS results could be substantially affected in the short term by even a relatively modest change in the Swiss bond rate, which was currently exceptionally low. Should it increase in the future, the value of the assets would increase accordingly and the level of uncovered liabilities would automatically fall.

Mr COSENTINO introduced document CERN/FC/5634-CERN/3016 on behalf of the External Auditors<sup>6</sup>.

Dr JACOBSEN reported that the Finance Committee had examined the Financial Statements at its meeting on 20 June following an extensive presentation by Mr Lettow on the impact of the application of the IPSAS accounting standards on the Organization's long-term liabilities deriving from post-employment benefits and a report by Mr Cosentino on behalf of the External Auditors. During the discussion, some delegations had expressed concerns relating to the Organization's long-term liabilities and their impact on its net assets and had underlined the need for urgent remedial measures, but other delegations and the Management had emphasised that the package of measures to restore full funding of the Pension Fund should be revisited, if necessary, only on the basis of the results of the next actuarial review.

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<sup>6</sup> See Annex 4

The Finance Committee had unanimously decided to recommend the Council to approve the 2011 Annual Accounts and to grant discharge to the Director-General.

In his capacity as Chairman of SACA, he further reported that, at its June meeting, SACA had taken note of the Financial Statements of the Organization, of the associated reports from the External Auditors and the CERN Management and of the status of the follow-up of previous recommendations by the External Auditors. In particular, SACA had taken note of the External Auditors' opinion that the Financial Statements gave a true and fair view of the state of affairs of the Organization, subject to the observations set out in their report. SACA had voiced appreciation for the document's format, noting that the breakdown of the tables and associated notes greatly facilitated the document's readability. SACA had also taken note of the reference to the negative net assets in the audit certificate at the beginning of the External Auditors' report. While recognising the importance of drawing the Council's attention to the negative figure, SACA had encouraged the Management to clarify in its presentation to the Council that it was essentially a consequence of adopting IPSAS reporting requirements in respect of the Organization's long-term liabilities for post-employment benefits, whereas the funding strategy was based on a 30-year projection. Noting that many outstanding recommendations had now been closed to the External Auditors' satisfaction, SACA had made two specific observations, namely that the long-standing recommendation from the previous and present External Auditors to write off the long-term debt relating to ppbar contributions (Paragraph 6.2.2 of the External Auditors' report on the Financial Statements) should be closed as soon as possible, and that it should be made clear in the Financial Statements that the 60 MCHF annual injection into the Pension Fund would continue until the Fund had been restored to full funding and that information to that effect should be incorporated in Note 26 of the Financial Statements.

The Council took note of documents CERN/FC/5633-CERN/3015, CERN/FC/5634-CERN/3016 and CERN/FC/5635-CERN/3017, of the remarks by the Director for Administration and General Infrastructure, of the presentation by Mr Cosentino on behalf of the External Auditors and of the report by the Chairman of the Finance Committee and SACA.

On the recommendation of the Finance Committee, the Council decided, by unanimous vote of the delegations represented and voting<sup>7</sup>:

- to approve the 2011 Annual Accounts set out in document CERN/FC/5633-CERN/3015 and

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<sup>7</sup> The Portuguese delegation was not represented for the vote.

- to grant discharge to the Director-General.

#### 4. CERN PENSION FUND

(Item 4 of the Agenda)

##### a) Financial Statements for the Financial Year 2011

([CERN/FC/5636-CERN/3018](#))

Mr ECONOMOU, Chief Executive Officer of the Pension Fund, presented document CERN/FC/5636-CERN/3018 using slides<sup>8</sup> to illustrate the Pension Fund's governance structure, the new internal and external audit set-up implemented in 2011 in accordance with Section 5 of Chapter I of the Fund's Rules, highlights of the 2011 income statement, and differences in the assumptions and funding ratios between the IPSAS methodology and an adjusted "funding" study commissioned from the actuary by the Governing Board of the Fund. With reference to the underfunding to which the External Auditors had drawn attention in their report, he underlined that only the forthcoming three-yearly actuarial review scheduled for 2013 could provide a reliable and realistic estimate of the Fund's future funding needs.

##### b) Report by the External Auditors on the Financial Statements of the CERN Pension Fund for the Financial Year 2011

([CERN/FC/5637-CERN/3019](#))

Mr COSENTINO presented document CERN/FC/5637-CERN/3019 on behalf of the External Auditors<sup>9</sup>.

##### c) Report by the External Auditors on the Financial Statements of the CERN Pension Fund for the Financial Year 2011: Comments by the Pension Fund Management Unit

([CERN/FC/5638-CERN/3020](#))

Mr ECONOMOU presented document CERN/FC/5638-CERN/3020<sup>10</sup>, expressing appreciation to the External Auditors for their thorough review of the Pension Fund and for

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<sup>8</sup> See Indico <http://indico.cern.ch/event/193895>

<sup>9</sup> See Annex 5

<sup>10</sup> See Indico <http://indico.cern.ch/event/193895>

their comments, in particular for their valuable contributions to the improvement of the control structure, and highlighting the following information:

- 14 out of 29 of the External Auditors' recommendations have been closed so far in 2012 and those which are still outstanding will be implemented in due course;
- 2011 was the first full year during which the new provisions of the Pension Fund Rules governing the internal and external audit set-up were in force;
- the internal audit provisions include an audit of the internal control system, which catalogues and describes all the major processes required for the Fund's operation and management; the system became operational at the end of 2011 following extensive preparatory work, has been favourably assessed by the specialised auditor, will continue to be improved under the close supervision of the Governing Board and will be independently audited once per year;
- the Fund's long-term funding requirements will be fully and appropriately addressed in the framework of the three-yearly actuarial review in 2013;
- although an independent study supervised by the Pension Fund Investment Committee has confirmed the External Auditors' opinion that the Fund's performance over the last 15 years would have been better if the Fund had invested all its assets in Swiss government bonds, the expected yield from such a minimum-risk policy is not compatible with the current funding status of the Fund and its actuarial return objective;
- the same study confirmed that the capital preservation approach adopted by the Fund remains the most appropriate investment strategy in the current situation;
- both the capital preservation approach and the return objective of 3% above inflation have been validated by the independent risk consultant, the Investment Committee and the Governing Board of the Fund.

Dr JACOBSEN reported that, at its June meeting, the Finance Committee had heard presentations on the Financial Statements of the Pension Fund and on the impact of IPSAS accounting standards on the Fund's financial position. The Committee had also heard a presentation of the External Auditors' report and further clarifications by Mr Economou and the Chairman of the Pension Fund Governing Board, Professor Riska, in response to questions and statements by delegations during the discussion, relating in particular to the Fund's long-term liabilities and funding ratio, the forthcoming actuarial review and the Fund's audit structure. The Finance Committee had decided to recommend the Council to

approve the Annual Report and Financial Statements of the CERN Pension Fund for the 2011 financial year and to grant discharge to the Pension Fund Governing Board. It had also expressed appreciation to the External Auditors for their work and for their insights into the Annual Financial Statements and current operations of the Organization and the CERN Pension Fund.

In his capacity as Chairman of SACA, he further reported that, at its June meeting, SACA had taken note of the Financial Statements of the Pension Fund, of the associated report from the External Auditors and comments by the CERN Management and of the status of the follow-up of previous recommendations by the External Auditors. SACA had taken note, in particular, of the External Auditors' opinion that the Financial Statements gave a true and fair view of the financial position of the CERN Pension Fund as at 31.12.2011 and of its financial performance and cash flows for the year 2011, in accordance with IPSAS accounting standards and subject to the observations set out in their report. SACA had further taken note of the concerns raised by the External Auditors regarding the Fund's funding ratio and investment strategy, had endorsed their view that the three-yearly actuarial review scheduled for 2013 should serve as the basis for drawing conclusions on the Fund's long-term financial stability and had underlined that it was important to be prepared for the eventuality that the recently adopted package of remedial measures might need to be reviewed as a consequence. Finally, SACA had underlined the importance of continuous monitoring of the Fund's financial situation and of the long-term impact of the remedial measures implemented.

The Council took note of documents CERN/FC/5636-CERN/3018, CERN/FC/5637-CERN/3019 and CERN/FC/5638-CERN/3020, of the report by the Chief Executive Officer of the Pension Fund, Mr Economou, of the report by Mr Cosentino on behalf of the External Auditors, of the further report by Mr Economou concerning the Pension Fund Management Unit's comments on the External Auditors' report and of the report by the Chairman of the Finance Committee and SACA.

On the recommendation of the Finance Committee, the Council decided, by unanimous vote of the delegations represented and voting<sup>11</sup>:

- to approve the Annual Report and Financial Statements of the CERN Pension Fund for the 2011 financial year set out in document CERN/FC/5636-CERN/3018, and
- to grant discharge to the Pension Fund Governing Board.

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<sup>11</sup> The Portuguese and Bulgarian delegations were not represented for the vote.

The Council further expressed appreciation to the External Auditors for their work on the Annual Progress Report and on the Annual Financial Statements of the Organization and the Pension Fund.

The meeting was adjourned at 10.55 a.m. and resumed at 11.20 a.m.

## 5. LHC STATUS REPORT

(Item 5 of the Agenda) (Oral)

The DIRECTOR-GENERAL presented the status of the LHC machine, computing and experiments, together with an update on the non-LHC physics programme, highlighting the following developments:

- the results of the antimatter studies at the Antiproton Decelerator have so far shown excellent agreement between the properties of matter and antimatter; the goal for the coming years is to increase the level of accuracy with which the mass of the proton and antiproton can be compared;
- the OPERA neutrino oscillation experiment at Gran Sasso has currently analysed around 40% of the data collected and has recently observed a second candidate event for tau neutrino appearance; it is hoped that 4 to 5 such events will have been observed by the time the full data set has been analysed;
- the cross-checks by other experiments as well as by OPERA itself have confirmed that the apparent superluminal neutrino velocity observed by OPERA in 2011 was the result of a measurement error; positive by-products of the experience have been the excellent collaboration between CERN and the various experiments involved in resolving the anomaly and the measurement of the neutrino velocity with unprecedented accuracy;
- the LHC machine has been routinely reaching peak luminosities above 6.5 (and up to 6.76)  $\times 10^{33} \text{cm}^{-2} \text{s}^{-1}$ , in excess of the estimates for 2012, and integrated luminosity is also well in line with predictions; the machine is on track to produce sufficient luminosity to allow the two general-purpose experiments, ATLAS and CMS, to make independent measurements or discoveries relating to the Brout-Englert-Higgs (BEH) symmetry-breaking mechanism before the start of the first long shut-down;
- the WLCG (Worldwide LHC Computing Grid) has delivered an excellent performance in 2012 so far, reliably meeting demands well in excess of specifications; almost 10 PB of data had been written to tape by the end of May, and

in June more data were written to tape per week than in the whole of the demanding 2011 heavy ion run;

- all the experiments have been collecting data with high efficiency and improving their analysis techniques;
- ATLAS and CMS have both started analysing the 2012 data in the framework of the BEH boson search and will present their results at the 36th International Conference on High Energy Physics (ICHEP) in Melbourne from 4 to 11 July;
- the Management is planning to hold a seminar at CERN at 9.00 a.m. on 4 July to give a public update on the BEH boson search, which will be shown at the Melbourne conference by video link.

In response to questions from the PRESIDENT, the DIRECTOR-GENERAL stated that Council delegations would be informed of the details once the seminar had been confirmed and that a press release was being prepared for the occasion.

In response to a question from Mr KABAC, the DIRECTOR-GENERAL confirmed that the seminar would be live-streamed on the CERN website and that the dual video link to the Melbourne conference would be supplemented by one-way links to the Member States.

Dr JACOBSEN reiterated the Finance Committee's congratulations to the Management and all those concerned regarding the progress of the LHC machine, computing and experiments and said that he noted with satisfaction the plans to present an update on the BEH boson search to the CERN community and the public.

Professor ZWIRNER said that he was gratified to learn of the decision to hold the seminar at CERN as a curtain-raiser to the ICHEP conference, as recommended by the Scientific Policy Committee.

The Council took note of the Director General's report on the status of the LHC machine, computing and experiments and other aspects of the scientific programme and of the comments by the Chairmen of the Scientific Policy Committee and the Finance Committee.

The Council congratulated the CERN Management, the Organization, the collaborations and all those concerned on the achievements to date in 2012.

The Council also took note of the announcement by the DIRECTOR-GENERAL concerning the seminar on the search for the BEH boson to be held on 4 July.

## 6. REPORT BY THE CHAIRMAN OF THE SCIENTIFIC POLICY COMMITTEE

(Item 6 of the Agenda) (Oral)

Professor ZWIRNER presented his report on the March, May and June 2012 meetings of the Scientific Policy Committee<sup>12</sup>, highlighting the Committee's comments on LHC matters and the Medium-Term Plan for 2013-2017 and summarising the topics of presentations on scientific issues examined by the Committee during the first half of the year, namely:

- highlights of the ISOLDE and Neutron Time-of-Flight experiments;
- Volumes I and III of the CLIC Technical Design Report, covering accelerator aspects and key implementation issues;
- the activities of the CERN Theory Group;
- highlights of the 15th International Conference on Neutrino Physics and Astrophysics held in Kyoto, Japan, from 3 to 9 June 2012;
- the technology required for the High-Energy LHC project, the possible future energy upgrade of the LHC machine following the high-luminosity upgrade, and the status of the associated R&D.

The Council took note of the report by the Chairman of the Scientific Policy Committee.

## 7. REPORT BY THE SCIENTIFIC SECRETARY OF THE EUROPEAN STRATEGY SESSIONS

(Item 7 of the Agenda) (Oral)

Professor NAKADA presented his report on the status of preparations for the update of the European Strategy for Particle Physics<sup>13</sup>. He noted, in particular, that since the beginning of the year the Preparatory Group had been collecting input from the particle physics community and policy makers in preparation for the Open Symposium to be held in Krakow from 10 to 12 September 2012. In parallel, the European Strategy Group (ESG) had set up working groups to discuss the non-physics aspects of the Strategy, namely the mandate and organisational structure of the Council for the follow-up and implementation of the Strategy, the organisational structure for European participation in global projects, relations with external bodies such as the EU, ESFRI, ApPEC and NuPECC, knowledge and technology transfer, and outreach, communication and education. Following the Open Symposium, a

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<sup>12</sup> See Annex 6 and slides at <http://indico.cern.ch/event/193895>

<sup>13</sup> See Indico <http://indico.cern.ch/event/193895>

Briefing Book would be drawn up, consisting of a summary of the scientific presentations and discussions and a description of the status of the various fields and the possibilities for future projects and facilities: together with the conclusions of the working groups, it would serve as input for the drafting of the updated Strategy document at the five-day meeting of the ESG in Erice, Italy, from 21 to 26 January 2013. That document, comprising concise Strategy statements followed by more detailed explanations of the rationale for the Strategy and considerations on the non-physics issues, would be submitted to the Council in March 2013 for discussion and, taking account of any final changes agreed on that occasion, to a special European Strategy Session of the Council in Brussels during the week of 20-24 May 2013 for adoption. The date of the Session, which would be scheduled to coincide with the meeting of the European Competitiveness Council on 22-23 May, at which European Research Ministers would be invited to take note of the updated Strategy, would be confirmed as soon as possible.

The Council took note of the report by the Scientific Secretary, Professor Nakada, and of the provisional dates for the special Council Session.

8. DRAFT TIMETABLE FOR COUNCIL SESSIONS AND COMMITTEE MEETINGS 2013

(Item 8 of the Agenda) ([CERN/3024/Draft](#))

The PRESIDENT introduced the document, noting that the dates for the March 2013 Council sessions and committee meetings had yet to be fixed and inviting the Council to choose between the weeks of 11-15 and 18-22 March.

Dr JACOBSEN reported that the Finance Committee had expressed a preference for the week beginning 18 March as a number of its members would be taking part in an ESO event the previous week.

Professor ZWIRNER stated that the Scientific Policy Committee had initially voiced a slight preference for the week beginning 11 March but was willing to go along with the other option in view of the consideration referred to by the Chairman of the Finance Committee.

The Council decided, by unanimous vote of the delegations represented and voting<sup>14</sup>:

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<sup>14</sup> The Portuguese delegation was not represented for the vote.

- that the March 2013 meetings would take place in the week beginning 18 March, and
- to approve the draft timetable for Council Sessions and Committee meetings in 2013 set out in document CERN/3024/Draft, as amended.

## 9. OTHER BUSINESS

(Item 11 of the Agenda)

### - Departure of one Council delegate

The PRESIDENT announced that Professor C. Pajares, who had been Spain's scientific delegate to the Council since August 2008 and had also actively participated in the discussions of the Scientific Policy Committee in that capacity, was attending the Council for the last time. During his four years as a member of the Spanish delegation, Professor Pajares had been appreciated both on a personal level and on a scientific level for his active contributions to the understanding of developments at the LHC. An eminent member of the particle physics community, he was widely known for his interpretation of first high-multiplicity events in particle collisions at the LHC. He had also been a member of the Council Working Group on the Geographical and Scientific Enlargement of CERN. On behalf of the Council, he thanked him for his valuable contributions to its discussions.

Professor PAJARES, noting that he shared the excitement of all those present in the physics achievements presented earlier by the Director-General, said that CERN's success in unconventional ground-breaking science would not be possible without progress in the more conventional subjects covered by the Council and its committees. He had greatly enjoyed attending the Council's sessions as a member of the Spanish delegation, and looked forward to continued association with the Organization as a scientist.

### Applause.

Concluding the session, the PRESIDENT expressed appreciation to the Council Secretariat, the Legal Service and the Translation and Minutes Group for their support in ensuring the smooth-running of Council meetings and extended his thanks and best wishes to all those present.

The meeting rose at 12.30 p.m.

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Annex 1

PRESIDENT'S SUMMARY OF DECISIONS REPORTED TO THE JUNE 2012 SESSION  
OF OPEN COUNCIL

By  
Professor M. Spiro

CERN/3031/Draft

Annex 2

REPORT ON THE 339<sup>TH</sup> AND 340<sup>TH</sup> MEETINGS OF THE FINANCE COMMITTEE  
HELD ON 14 MARCH and 20 JUNE 2012

By

Dr B. Jacobsen

COMMENTS ON THE ANNUAL PROGRESS REPORT 2011  
By  
The External Auditors

COMMENTS ON THE CERN ACCOUNTS  
By  
The External Auditors

COMMENTS ON THE CERN PENSION FUND  
By  
The External Auditors

CERN/3031/Draft

Annex 6

SPC CHAIRMAN's SUMMARY OF CONCLUSIONS

By

Professor F. Zwirner