

 <p>07 July 2004</p>	<p>Summary, CHIPP Plenary Meeting</p>	<p>7 July 2004 BERN</p>	<p>A. G. Clark</p>
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PRELIMINARY FOR COMMENT

Participants

A. Blondel, A. Clark, F. Orellana (UniGe)
T. Nakada, O. Schneider (EPFL)
M. Hauger (UniNe)
H.-P. Beck, Ch. Greub, P. Hasenfratz, S. Gadomski, K. Pretzl (UniBe)
C. Amsler, U. Straumann (UniZh)
G. Davatz, G. Dissertori, K. Freudenreich, Ch. Grab, A. Holzner, D. Meer,
F. Pauss, G. Viertel (ETHZ)
A. Denner, R. Eichler, K. Gabathuler, Q. Ingram, D. Reuker, T. Rohe, M. Spira
(PSI)
J.P. Ruder (BBW)

Agenda

14:00	Introduction	A. Clark
14:10	Presentation of the CHIPP Roadmap	A. Clark
14:30	Report from CHIPP Computing Board	C. Grab
14:50	Report from the CHIPP Neutrino Workshop	A. Blondel
15:05	Report from the CHIPP Executive Board	A. Clark
15:25	Report on CERN Council Matters	R. Eichler
15:45	Report on RECFA Matters	U. Straumann
16:05	Coffee	
16:30	Report on ACCU Matters	K. Freudenreich
16:50	Any other Business	
17:00	Presentation of prizes for the LOGO of CHIPP	A. Clark

(see <http://www.chipp.ch/chipp-meet-doc-plenary070704.html> for all transparencies)

1. Introduction (A. Clark)

- a) A. Clark introduced the 1st CHIPP Plenary of 2004, and the agenda for the Plenary and Board meetings of CHIPP. There were no comments.

2. Presentation of the CHIPP Roadmap.

- a) On behalf of the CHIPP Working Group on the Outlook in Switzerland for Particle Physics Research and Education until 2018, A. Clark presented the contents of the document developed by them.

- b) A. Clark thanked PSI (in particular K. Gabathuler and M. Schlapbach) for their help in preparing and printing the document.
- c) The main contents of the document were outlined, with emphasis on
 - existing experimental and theoretical activities in CH;
 - research recommendations in 3 main research directions (LHC and the high energy frontier, lepton flavour transitions and neutrino physics, and particle physics at the interface with cosmology);
 - recommendations relating to undergraduate and post-graduate education.
- d) A total of 10 recommendations were presented in the report, which had been endorsed by the CHIPP Board, and the CHIPP Executive Board. A. Clark stressed that a major effort of CHIPP was now to implement these recommendations in close collaboration with PSI, OFES and the Fonds National.
- e) A. Clark requested endorsement of the CHIPP Report “Particle Physics in Switzerland: Status and Outlook for Research and Education” and its recommendations.

The CHIPP Plenary endorsed the report.

3. Report from the CHIPP Computing Board (C. Grab)

- a) C. Grab described the current status of Tier 2 Regional Computing activities at CSCS, in preparation for LHC data. He also described planned next steps for the Regional Centre, and the planning of increasing computing capacity, and finally future analysis efforts.
- b) He noted existing hardware limitations of the prototype cluster, but stressed that prior to that, the software had been successfully ported. It was proposed in an initial phase to replace the existing hardware with a small production cluster to emphasise
 - LCG compliance,
 - hardware stability and reliability in production environment for GRID and non-GRID applications;
 - supply resources for LHC data challenges.
 In parallel, it was proposed to continue preparations for the T2 centre.
- c) C. Grab emphasized the need for CHIPP to develop a strong partnership with CSCS, in which CSCS was effectively the contractor for CHIPP computing infrastructure. An MOU would describe the framework for this development.
- d) *C. Grab announced that a 2-day CHIPP Workshop would be held in Fall 2004 on LHC Analysis and Computing. This would follow stable operation of the new cluster.*

4. Report on the CHIPP Neutrino Workshop, 21-22 June (A. Blondel)

A CHIPP Workshop towards the future Swiss neutrino programme was held on June 21-23, 2004 at the University of Neuchâtel. The Organising Committee were A. Blondel, J-P. Derendinger, K. Pretzl, A. Rubbia, J-L. Vuilleumier, It had been an outstanding success. A. Blondel reported on behalf of the organizers. (see transparencies)

5. Report from the CHIPP EB (A. Clark)

On behalf of the CHIPP EB, A. Clark reported on their activities.

- a) A web site (<http://www.chipp.ch>) had been created, containing current news and information, a page for job openings, data base email access, etc. Comments were requested. He emphasized the need for member institutes to update the database regularly. He said a template database for CHIPP meetings would be available soon.
- b) Summaries of all CHIPP EB meetings were available from the web site. Visits by the EB to different institutes had been appreciated by the EB, to learn the problems.

c) Following recommendations by the CHIPP EB, the following ECFA mandates were endorsed by CHIPP Plenary

- Q. Ingram Continuation of appointment to Plenary ECFA until 31.12.2005
- T. Speer Continuation of appointment to Plenary ECFA until 31.12.2005.
- T. Schietinger Continuation of appointment to Restricted ECFA until 31.12.2006
- U. Straumann Continuation of appointment to Plenary ECFA until 31.12.2005

d) Following the recommendation of the CHIPP EB, the following CHIPP mandate was endorsed by CHIPP Plenary

- C. Grab Appointment at Chair of CHIPP Computing Board to 31.12.2005.

e) Following the recommendation of the CHIPP EB, the following HEPCCC mandate was endorsed by CHIPP Plenary

- C. Grab Renewal of mandate as representative o the HTASK subcommittee of HEPCCC 31.12.2005.

f) Following the recommendation of the CHIPP EB, the following CERN mandate was endorsed by CHIPP Plenary

- K. Freudenreich Renewal of mandate as representative to ACCU until 31.12.2005 (A. Clark to inform CERN).

g) The CHIPP Plenary mandated the CHIPP EB to contact the Apecc Chairman (European Committee for Astroparticle Physics) concerning membership by Switzerland in that organization.

h) The CHIPP Plenary mandated the CHIPP EB to contact the Nupecc Chairman, the Fonds National, and the current representative (C. Amsler) to clarify the renewal of representation to Nupecc. It was considered by the CHIPP EB that the mandate should be rotating, as for ECFA.

i) Activities of CHIPP to date were outlined:

- visits to EOFL, and the Universities of Zurich and Neuchatel
- establishment of administrative tools (web etc)
- establishment of the CHIPP Computing Board (item 3)
- publication of the Report (item 2)
- a Neutrino Workshop in Neuchatel (item 4)
- CHIPP had agreed to sponsor with CERN the Hadron Collider Symposium (HCP2005)
- CHIPP had submitted a funding request for a CHIPP doctoral school to SUK

j) It was announced that:

- A Plenary Meeting of CHIPP would be held in Bern on October 1, to celebrate 50 years of CERN in Switzerland.
- The Fonds National (Division II) would visit CERN on 12-13 October, at the invitation of CHIPP, to review Swiss activities at CERN, and more generally in particle physics.

A. Clark noted that the next priority of CHIPP would be to tackle the problem of M&O and computing costs for the LHC experiments.

6. Report on CERN Council Matters (R. Eichler).

a) R. Eichler reported on CERN Council matters. Issues discussed by R. Eichler included:

- M&O and computing costs for LHC
- The CERN Council meeting of 17 June 2004
- The LHC construction status and in particular concerns related to the LHC cryogenics installation

b) R. Eichler then outlined priorities described by the Director General of mid-term and long-term planning for CERN, with the aim of enabling a redefinition of CERN strategy in about 2009-10, after the completion of the LHC

- completion and commissioning of the LHC (including computing infrastructure)
 - the study of different upgrade options to CERN machines, in collaboration with European laboratories and in part within the context of the European initiative (CARE) (for example generic e^+e^- R&D, studies for a 160 MeV H^+ LINAC4 injector)
 - the active continuation of CLIC R&D with the aim of demonstrating its feasibility by 2010
 - and comM&O and computing costs for LHC
 - The CERN Council meeting of 17 June 2004
 - The LHC construction status and in particular concerns related to the LHC cryogenics installation
- c) Finally R. Eichler noted a Special Council Meeting (Rome, 19 July 2004) to discuss sub-TeV Linear Collider developments and the role of CERN in those developments.

7. Report on RECFA matters (U. Straumann)

- a) U. Straumann reported on visits by ECFA to Austria (Innsbruck) and Italy (Frascati).
- b) U. Straumann reported on European accelerator research activities and initiatives initiated or supported by ECFA, within the framework of ESGARD (the European Steering Group that reports to ECFA)
- c) U. Straumann reported on Linear Collider discussions and activities in ECFA. The proposed site selection, design study, approval and construction schedules were outlined. It was the ECFA view that "CERN Council should be the <European Regional Board> for the Linear Collider. A joint SPC and ICFA in Rome (19 July) was supposed to clarify the role of CERN in LC activities.

8. Report on ACCU matters (K. Freudenreich)

- a) K. Freudenreich described recent ACCU activities and issues:
- A new chair (A. Navarria) had been selected, but he noted that neither ACCU nor the Staff Association were now represented on the CERN Management Board
 - There was a new Desktop Forum (DTF) with a new mandate covering computing infrastructure
 - Recent computing developments and library acquisition (journal) developments were listed
 - CERN is investigating an increase in hostel accommodation
- b) K. Freudenreich noted that the CERN Open Day to celebrate the 50th Anniversary of CERN was planned for October 16. To show Swiss recognition, a symposium would be held in Bern, sponsored by CHIPP, on October 1. Other activities concerned a celebration at the University of Geneva on October 23.

9. Presentation of Prizes fpr the logo of CHIPP (A. Clark)

- a) A. Clark presented a prize from CHIPP for the selected logo of CHIPP (D. Meer) and for the most original entry (D. Zürcher).

The meeting was followed by a meeting of the CHIPP Board.