



2012

ALICE

05 September

Minutes of the 32th LHC Resource Review Board Meeting (CERN, Geneva, 25th April 2012)

Present:

D. Adamova (Nuclear Physics Institute ASCR, Czech Republic)
 M. Sumbera (Nuclear Physics Institute ASCR, Czech Republic)
 N. Tarabová (Ministry of Education, Youth and Sports, Czech Republic)
 P. Hansen (Niels Bohr Institute, Denmark)
 J. Aysto (Helsinki Institute of Physics, University of Helsinki, Finland)
 I. Rak (Jyväskylä University, Finland)
 D. Guillemaud Mueller (CNRS/IN2P3)
 A. Baldiseri (CEA/IRFU, France)
 D. Vilanova (CEA/IRFU, France)
 H. Prasse (Federal Ministry, Germany)
 H. Mahlke (BMBF, Germany)
 T. Csorgó (Wigner RCP-RMKI, Hungary)
 C.B. Venkataramana (Department of Atomic Energy, Mumbai, India)
 M. Biasini (Italian Mission, Geneva)
 L. Cifarelli (Centro Fermi, Roma, Italy)
 R. Nania (INFN, Sezione di Bologna, Italy)
 E. Nappi (INFN, Sezione di Roma, Italy)
 M. Taiuti (INFN, Sezione di Genova, Italy)
 H. Kim (Ministry of Education, Science and Technology, Korea)
 Y.-H. Pang (Ministry of Education, Science and Technology, Korea)
 J.-H. Park (National Research Foundation, Korea)
 I.-K. Yoo (Pusan National University, Korea)
 A. Van Rijn (NIKHEF, Netherlands)
 B. Jacobsen (The Research Council of Norway, Norway)
 J. Nystrand (University of Bergen, Norway)
 B. Wosiek (HNIN, Polish Academy of Sciences, Poland)
 J. Bartke (HNIN, Polish Academy of Sciences, Poland)
 F.D. Buzatu (Institute of Atomic Physics, Bucharest, Romania)
 M. Petrovici (IFIN-HH National Institute of Physics and Nuclear Engineering, Bucharest, Romania)
 D. Filatov (Ministry of Education and Science, Russia)
 Y.V. Kozlov (Ministry of Education and Science, Russia)
 N. Krylova (Ministry of Education and Science, Russia)
 V. Egorychev (ITEP Institute for Theoretical and Experimental Physics, Russia)
 V. Savrin (Institute of Nuclear Physics, Moscow State University, Russia)
 R. Lednicky (JINR, Dubna, Russia)
 Z. Hlavacikova (Ministry of Education, Science, Research and Sports, Slovak Republic)
 L. Sandor (Institute of Experimental Physics, Kosice, Slovak Republic)
 D. Adams (Department of Science and Technology, South Africa)
 V. Spannenberg (Ithemba LABS, South Africa)
 F. del Aguila (Ministry Economy and Competitiveness - U. Granada, Spain)
 P. Karlsson (Swedish Research Council, Sweden)
 G. Zinovjev (Bogolyubov Institute for Theoretical Physics, Ukraine)
 A. Medland (STFC, United Kingdom)

ALICE: P. Braun-Munzinger, C. Decosse, P. Giubellino, J. Hadre, W. Riegler, J. Wessels, Y. Schutz
 CERN: S. Bertolucci, S. Foffano, S. Lettow, R. McLaren, C. Saitta, J. Salicio Diez, E. Tsesmelis, E. Van Hove
 Scrutiny Group: E. Iacopini, B. Loehr
 Excused: E. Gazis (NTU Athens, Greece)

Documents can be found in the RRB indico pages; accessible via the LHC-RRB home page <http://cern.ch/committees/all/welcomeLHCRRB.html>

1. Introduction. S. Bertolucci, Director of Research and Scientific Computing

S. Bertolucci welcomed delegates to the meeting.

2. Approval of the minutes of the last meeting. S. Bertolucci, Director of Research and Scientific Computing

CERN-RRB-2012-008 (report)

The minutes of the last ALICE RRB were approved without comment.

3. Status of the experiment. P. Giubellino, Spokesperson

CERN-RRB-2012-046 (report), CERN-RRB-2012-047 (presentation)

P. Giubellino began with an overview of the last six months and strategies for the future. He continued with news from the collaboration including new institutes and candidates followed by details of the new Physics Board and organisation. The spokesperson then gave a detailed presentation of the detector status, results and publications. Looking ahead, he outlined the running plans for pp and p-Pb collisions in 2012 and the plans for LS1. He then presented the ALICE Upgrade, defining the scope, experimental strategy, timeline, status and plans.

He summarised that:

- ALICE continues to harvest the results of the HI and pp runs
- The Detector continues to provide excellent performance, and ALICE as a whole confirms its readiness and commitment
- The definition of the long-term plans of the Collaboration is progressing
- ALICE is looking forward to the upcoming pA run!

The Spokesperson concluded by expressing his gratitude to the Funding Agencies for their continued support and to the Scrutiny Group for their fruitful collaboration.

E. Nappi stated that INFN had supported ALICE from the beginning and that they would continue their support in this challenging program, including the proposed Upgrades. L. Cifarelli, representing Centro Fermi Roma, Italy, shared this view. D. Guillemaud Mueller (CRNS/IN2P3, France) also pledged support for the Upgrade. M. Sumera (Institute of Physics, Czech Republic) was enthusiastic concerning the Upgrades and promised resources.

P. Giubellino thanked the Funding Agencies for their statements of support for the Upgrade.

B. Loehr made the remark that the Scrutiny Group was not responsible for Upgrade projects and felt that a new oversight committee was warranted. S. Bertolucci agreed that, in due course, such a committee should be formed. However, for the present, the LHCC should review the scientific and technical aspects of the Upgrades.

J. Aysto requested further information on the time profile of the expenditure of the Upgrade program. P. Giubellino referred to slide 53 of his presentation that showed procurement starting in 2014. There could be a peak in 2015/17 and there would be a sizeable tail for the purchase of online equipment in 2018/19. These figures will be better defined when the Upgrade projects have been approved.

4. LHCC Deliberations (paper only). E. Tsesmelis, LHCC Scientific Secretary.
CERN-RRB-2012-035

E. Tsesmelis reported that the LHCC considers that ALICE had made excellent progress in all aspects of the experiment and the Committee congratulated the ALICE Collaboration on its achievements.

There were no questions arising from this presentation.

5. Financial matters. C. Saitta, Deputy Head of CERN Finance and Procurement Department
CERN-RRB-2012-010 (report), CERN-RRB-2012-011 (presentation).

C. Saitta presented the updates to the Financial Report.

For the contributions for the Construction Common Fund, Commissioning & Integration he reported that the outstanding contributions from China and Ukraine totalled 142 kCHF.

A number of additional contributions have been received for M&O-A totalling 1.4 MCHF. This leaves outstanding contributions for M&O-A for the year 2012 at 1.5 MCHF for member states and 1.4 MCHF for non-member states.

There were no questions arising from this presentation.

6. Construction Budgets. C. Decosse, ALICE Resource Coordinator
CERN-RRB-2012-048 (report). Slides of this presentation are on the RRB Agenda page.

C. Decosse reported that 2011 CORE expenses were 2.5 MCHF and gave details of the cumulative expenditure from 1997-2011 for each Funding Agency and for each system. She then presented the status of the Common Fund and the cash flow from 1998 until 2011 with estimates for 2012-2013.

There were no questions arising from this presentation.

7. M&O Budgets. C. Decosse, ALICE Resource Coordinator
CERN-RRB-2012-050 (report). Slides of this presentation are on the RRB Agenda page.

C. Decosse began with the M&O Cat. A contributions and recalled the Rules on outstanding contributions. The Resource Coordinator continued with the book closing and cash balance on 31/12/2011 before reviewing the contributions for 2012 and the current expenditure. Looking ahead, she presented a preliminary budget for 2013 and estimates for 2014-2016 with details of the sharing.

Turning to M&O Cat. B, C. Decosse presented the 2011 budget, expenditure and balance of each sub-system. Looking ahead, the Resource Coordinator proposed a preliminary budget for 2013, with details by system and by Funding Agency, and estimates for 2014-2016.

Both preliminary budgets will be reviewed in detail over the summer with the Scrutiny Group, and presented for final approval at the October RRB meeting.

C. Decosse concluded with the status of the MoUs

- Still pending: Brazil and China (MoU for M&O)
- Under preparation; addendum for 3 Indian Institutes: Bose Institute in Kolkata, Gauhati University in Guwahati and IIT Indore
- A new group from the UK joined ALICE STFC Daresbury Laboratory (MoUs already signed by STFC).
- Two associate institutes recently became full members: COMSATS (PK), and KISTI-GSDC (KR). Addendum prepared.

There were no questions arising from this presentation.

8. Summary, S. Bertolucci, Director of Research and Scientific Computing

There being no further business, the chairman closed the meeting. The next meeting of the RRB will take place on the 29-31st October 2012.