

**ALICE****6 May 2014**

**Minutes of the 36<sup>th</sup> LHC Resource Review Board Meeting  
(CERN, Geneva, 30<sup>th</sup> April 2014)**

**Present:**

A. K. Maciel (RENAFAE, Brazil)  
N. Fejksová (Ministry of Education, Youth and Sports, Czech Republic)  
M. Sumbera (Nuclear Physics Institute ASCR, Czech Republic)  
P. Hansen (Niels Bohr Institute, Denmark)  
J. Äystö (Helsinki Institute of Physics, University of Helsinki, Finland)  
J. Rak (University of Jyväskylä, Finland)  
D. Guillemaud Mueller (CNRS/IN2P3, France)  
R. Feldmann (Federal Ministry of Education and Research, BMBF, Germany)  
H. Mahlke, M. Groll (BMBF/DESY-PT, Germany)  
G. Vesztegombi, T. Csörgö (Wigner RCP-RMKI, Hungary)  
K. A.P. Sinha (Department of Atomic Energy, Mumbai, India)  
T. Nayak (India)  
E. Nappi, M. Taiuti (INFN, Italy)  
R. Nania (INFN, Sezione di Bologna, Italy)  
L. Cifarelli (Centro Fermi, Roma, Italy)  
J. Son (Ministry of Science, ICT and Future Planning, Korea)  
T.Y. Lee (National Research Foundation, Korea)  
H.J. Jang, M. Lee (KISTI, Korea)  
I.K. Yoo (Pusan University, Korea)  
G. Herrera Corral (CONACyT, Mexico)  
F. Linde (NIKHEF, The Netherlands)  
B. Jacobsen (The Research Council, Norway)  
J. Bartke (HNIN, Polish Academy of Science, Poland)  
T. Siemarczuk (Soltan Institute for Nuclear Studies, Poland)  
F.D. Buzatu (Institute of Atomic Physics, Bucharest, Romania)  
M. Petrovici (IFIN-HH National Institute of Physics and Nuclear Engineering, Bucharest, Romania)  
V. Shevchenko (National Research Centre, Kurchatov Institute, Russia)  
V. Savrin (Institute of Nuclear Physics, Moscow State University, Russia)  
V. Matveev, A. Vodopyanov (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)  
A. Oskarsson (Lund University, Sweden)  
G. Zinoviev (Bogolyubov Institute for Theoretical Physics, Ukraine)  
G. Blair (STFC, United Kingdom)  
A. Medland (STFC, United Kingdom)

ALICE: P. Buncic, P. Giubellino, J. Hadre, W. Riegler, Y. Schutz, A. Telesca, J. Wessels

CERN: S. Bertolucci, C. Decosse, T. Lagrange, L. Mapelli, J. Salicio Diez, E. van Herwijnen (Scientific Secretary), E. van Hove

Scrutiny Group: C. Touramanis, E. Iacopini

Excused: J. Krolikowski (University of Warsaw, Poland), R. Heuer, S. Lettow, E. Tsesmelis (CERN)

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-2013-129

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

### **3. Status of the experiment. P. Giubellino, Spokesperson** CERN-RRB-2014-006, CERN-RRB-2014-007 (slides)

In summary:

- ALICE continues to harvest the results of the HI, pA and pp runs
- The Detector is being substantially improved, to be ready for an exciting RUN2
- The Upgrade plans are defined, the R&D progresses rapidly and TDRs are coming in
- ALICE counts on and thanks the Funding Agencies for their continued support

*There were no questions arising from this presentation.*

### **4. LHCC Deliberations (paper only). S. Bertolucci, Director of Research and Scientific Computing (replacing E. Tsesmelis, LHCC Scientific Secretary).** CERN-RRB-2014-008

The LHCC is happy to report that the concern from the previous meeting for a delay in the construction of the readout board of the Transition Radiation Detector has disappeared because ALICE has overcome the difficulty from the production of this multi-chip module. As P. Giubellino said in his report, ALICE are now again on time concerning the LS1 activities. The committee also recognizes the large effort which has been made in making offline computing as efficient as expected and acknowledges the large production of high quality physics papers and high quality results. After a careful scrutiny of the upgrades, the Committee was happy to recommend the approval of the Inner Tracking System (ITS) and is progressing towards the approval of the Trigger and the Front End renewal. It is looking in great detail into the ambitious upgrade of the TPC which will be approved later. All in all the LHCC acknowledges the excellent progress of ALICE and congratulates the Collaboration on its achievements.

### **5. Financial matters. T. Lagrange, Head of CERN Finance and Procurement Department** CERN-RRB-2014-009, CERN-RRB-2014-010 (slides)

As compared to the report there have been additional contributions of 2.7M CHF. Outstanding contributions for 2014 for M&O A for member states 373K CHF, for non-member states 1.354M CHF. Total outstanding contributions for 2014: 1.728, thus 65% of the contributions for 2014 have been received which is quite a lot for this time of the year.

*There were no questions arising from this presentation.*

**7. Budgets.** A. Telesca, ALICE Resource Coordinator  
CERN-RRB-2014-013 (slides), CERN-RRB-2014-011, CERN-RRB-2014-012

*F. Linde complimented A. Telesca on a very clear presentation.*

**8. Summary,** S. Bertolucci, Director of Research and Scientific Computing  
The ITS TDR has been recommended by the LHCC and approved by the Research Board. The memoranda have been prepared and sent around for signature.

*There being no further business, the chairman closed the meeting. The next meeting of the RRB will take place on the 13-15 October 2014.*