



LHCb

15th September 2009

**Minutes of the 22nd LHC Resource Review Board Meeting
(CERN, Geneva, 29 April 2009)**

Present:

Q. Ouyang (Institute of High Energy Physics, China)
E. Aslanides (CPPM, France)
E. Auge (CNRS/IN2P3, France)
K. Ehret (PT-DESY, Germany)
H. Mahlke (PT-DESY, Germany)
M. Pantea (Federal Ministry of Education and Research, Germany)
P. Campana (LNF-INFN, Italy)
F. Ferroni (INFN, Italy)
F. Linde (NIKHEF, Netherlands)
G. Polok (Polish Academy of Sciences, Poland)
J. Królikowski (Univ. of Warsaw and Ministry of Science and Higher Education, Poland)
F. Buzatu (Institute of Atomic Physics, Romania)
Y. Kozlov (Federal Agency of Science and Innovations, Russia)
V. Savrin (Institute of Nuclear Physics, Moscow State University, Russia)
A. Petrov (Ministry of Science and Education, Russia)
J. Fuster (MICINN, Spain)
T. Nakada (CHIPP, Switzerland)
G. Zinovjev (National Academy of Sciences, Ukraine)
F. Muheim (University of Edinburgh, United Kingdom)
J. Seed (STFC, United Kingdom)
M. Pripstein (National Science Foundation, United States of America)

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S. Bertolucci (chairman), P. Bloch, J. De Groot, R. Heuer, T. Lagrange, R. McLaren (secretary), S. Schmeling, E. Tsismelis, E. Van Hove

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C. D'Ambrosio, A. Golutvin, M. Pepe-Altarelli, A. Schopper, O. Ullaland, W. Witzeling,

Scrutiny Group Chair

B. Loehr

Apologies

U. Doselli (INFN, Italy)

J. Tuominiemi (Helsinki Institute of Physics, Finland)

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

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

S. Bertolucci welcomed delegates to the 22nd meeting of the LHCb LHC Resource Review Board

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

The minutes of the last RRB CERN-RRB-2009-004 were approved without comment.

3. Status of the LHCb experiment. A. Golutvin, spokesperson
CERN-RRB-2009-048 (report), CERN-RRB-2009-049 (presentation)

A. Golutvin's presentation focussed on five main areas:

- Detector Subsystems
- Experimental Area
- Commissioning
- Cost and funding issues
- Collaboration matters

He concluded that:

- LHCb is well prepared for the 2009/2010 Physics Run
- LHCb needs luminosity in order to be competitive with Tevatron

There were no questions arising from this presentation.

4. LHCC Deliberations (paper only). E. Tsesmelis, LHCC Scientific Secretary.
CERN-RRB-2009-050

E. Tsesmelis reported that the presentation was in line with the LHCC report. The on-going work is reasonable. The LHCC considers that LHCb will be ready for beam this year.

5. Financial matters. T. Lagrange, Head of CERN Finance and Procurement Department
CERN-RRB-2009-051 (report), CERN-RRB-2009-052 (slides)

T. Lagrange presented the changes with respect to the report on the 28th February.

Outstanding contributions for the Common fund are 17 kCHF from Romania and 13.7 kCHF from the Ukraine.

The M&O-A account had received two additional contributions from Germany totalling 170 kCHF. The outstanding contributions for M&O-A from 2002-2009 stand at 1 MCHF from member states and 874 kCHF from non-member states.

There were no questions arising from this presentation.

6. Construction Budgets. O. Ullaland, Resource Coordinator.

CERN-RRB-2009-053(report), CERN-RRB-2009-054 (slides)

2008 Construction Budget for 2008

As was previously reported to the RRB, all projects apart from Online/DAQ and Infrastructure have been completed. Some minor corrections are still required for some projects.

The Common Fund had an overall inflow of about 118kSFr. This is due to back payments of common orders for project specific items. For 2009 and 2010 it is anticipated that Online/DAQ and Infrastructure will be the main users of the Common Fund.

Some adjustments will be done this year to repay loans from CORE and non-CORE Funds. The common Fund, which by agreement with LHC-RRB should run until end of 2010, currently stands at about 2.4 MCHF. It is expected that about 1 M will be used as repayments.

CORE spending on the detectors was almost completed by 2006. The only project still with CORE funds left is Online/DAQ. These will be used in the budget years 2009 and 2010

7. M&O Budgets. O. Ullaland, Resource Coordinator.
CERN-RRB-2009-055 (report), CERN-RRB-2009-056 (presentation)

M&O Category A, Book Closing end 2008

The approved budget for 2008 was 2.3 MCHF (not including power), 2.2 MCHF was spent leaving a positive balance of 106 kCHF. The main under-spending was for manpower in on-line and computing. O. Ullaland proposed to keep the surplus in 2008 as a buffer for (mainly) Online in 2009. LHCb will report back to the RRB in October.

He then showed the details of the approved budget for 2009, a total of 2.7 MCHF, and the projected budget for 2010.

M&O Category B

These budgets have not changed since the presentation in November 2008, a total of 1.2 MCHF which is about 50% of Cat. A.

As this was O. Ullaland's last RRB, he took the opportunity to thank the delegates for their collaboration and for their very positive attitude to requests for funds. He then introduced C. D'Ambrosio who is the new LHCb Resource Coordinator.

S. Bertolucci thanked O. Ullaland for his dedication and his contribution to the success for LHCb and the RRB approved the report without questions.

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

S. Bertolucci summarised that LHCb is proceeding well technically and financially with no major problems; they are ready for beam.