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LHCb National Computing Board

This page is devoted to the activity of the LHCb National Computing Board

- NCB mandate

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NCB Composition

The NCB membership is maintained in the [lhcb-nat-comp-board](#) E-group (authentication required). The following is a snapshot taken in March 2019

Chair	Andrew McNab
Brazil	Renato Santana
CERN	Marco Cattaneo
China	Liang Sun
France	Andrei Tsaregorodstev
Germany	Joerg Marks
Italy	Stefano Perazzini
Netherlands	Jeff Templon
Poland	Wojciech Wislicki
Romania	Alex Grecu
Russia	Vladimir Romanovsky / Vanya Belyaev
Spain	Juan Jose Saborido
Switzerland	Roland Bernet
United Kingdom	Andrew McNab
United States of America	Mike Williams
EIRE, Pakistan, Ukraine	Not identified
Ex Officio in attendance	Concezio Bozzi - Computing Project Leader
	Concezio Bozzi - Computing Resources Coordinator
	Ben Couturier - Offline Software Coordinator
	Concezio Bozzi - Computing Operations Coordinator

Meetings

- See NCB meetings [category](#) in Indico

LHCb Computing agreements

- LHCb-INT-2018-007 [category](#)
 - ◆ Rev 2 [category](#) (September 17th 2018)
 - ◆ Rev 1 [category](#) (March 28th 2018)

LHCb Computing Policy documents

- HPC resource integration at LHCb
- LHCb-INT-2016-026 [↗](#) LHCb Tier-2A site definition
- LHCb-INT-2014-003 [↗](#) LHCb T2-D Centres "Tier-2 with Data" (replaced by LHCb-INT-2016-026)
- Policy for Remote Computing Operations Shifts
- LHCb Grid usage policy
- LHCb Analysis Centres

LHCb Computing RRB documents

Submitted to C-RSG February 18th, 2019 (CERN-RRB-2019-058 [↗](#) Report from C-RSG April 2019)

- LHCb-PUB-2013-003 [↗](#) LHCb Computing Resources: 2020 requests and preview of the subsequent years
- LHCb-PUB-2019-004 [↗](#) LHCb Computing Resource usage in 2018

Submitted to C-RSG September 19th, 2018 (CERN RRB 2018 085 [↗](#) Report from C-RSG October 2018)

- LHCb-PUB-2018-011 [↗](#) LHCb Computing Resources: 2019/2020 requests and preview of Run 3 computing model

Submitted to C-RSG February 12th, 2018 (CERN RRB 2018 028 [↗](#) Report from C-RSG April 2018)

- LHCb-PUB-2018-001 [↗](#) LHCb Computing Resources: 2019 and 2020 requests
- LHCb-PUB-2018-002 [↗](#) LHCb Computing Resource usage in 2017

Submitted to C-RSG September 12th, 2017 (CERN-RRB-2017-125 [↗](#) Report from C-RSG September 2017)

- LHCb-PUB-2017-019 [↗](#) LHCb Computing Resources: 2019 requests and reassessment of 2018 requests

Submitted to C-RSG February 26th, 2017 (CERN-RRB-2017-056 [↗](#) Report from C-RSG April 2017)

- LHCb-PUB-2017-009 [↗](#) LHCb Computing Resources: 2018 requests and preview of 2019 requests
- LHCb-PUB-2017-010 [↗](#) LHCb Computing LHCb Computing Resource usage in 2016 (II)

Submitted to C-RSG September 6th, 2016 (CERN-RRB-2016-128 [↗](#) Report from C-RSG September 2016)

- LHCb-PUB-2016-022 [↗](#) LHCb Computing Resources: reassessment of 2017 requests and preview of 2018 and 2019 requests
- LHCb-PUB-2016-023 [↗](#) LHCb Computing Resource usage in January July 2016

Submitted to C-RSG February 15th, 2016 (CERN-RRB-2016-049 [↗](#) Report from C-RSG April 2016)

- LHCb-PUB-2016-003 [↗](#) LHCb Computing Resources: finalization of 2017 requests
- LHCb-PUB-2016-004 [↗](#) LHCb Computing Resource usage in 2015(II)

Submitted to C-RSG September 4th, 2015 (CERN-RRB-2015-091 [↗](#) Report from C-RSG October 2015)

- LHCb-PUB-2015-018 [↗](#) LHCb Computing Resources: 2016 reassessment and 2017 requests
- LHCb-PUB-2015-019 [↗](#) LHCb Computing Resource usage in 2015(I)

Submitted to C-RSG February 16th, 2015 (CERN-RRB-2015-014 [↗](#) Report from C-RSG April 2015)

- LHCb-PUB-2015-003 [↗](#) LHCb Computing Resources: 2016 request and 2017 outlook
- LHCb-PUB-2015-004 [↗](#) LHCb Computing Resource usage in 2014 (II)

Submitted to C-RSG September 5th, 2014 (CERN-RRB-2014-079 [↗](#) Report from C-RSG Oct 2014)

- LHCb-PUB-2014-041 [↗](#) LHCb Computing Resources: 2015 recap, 2016 request and 2017 outlook
- LHCb-PUB-2014-042 [↗](#) LHCb Computing Resource usage in 2014(I)

Submitted to C-RSG February 17th, 2014 (CERN-RRB-2014-048 (rev) [↗](#) Report from C-RSG April 2014)

- LHCb-PUB-2014-014 [↗](#) LHCb Computing Resources: 2015 request and looks beyond
- LHCb-PUB-2014-013 [↗](#) LHCb Computing Resource usage in 2013(II)

Submitted to C-RSG September 6th, 2013 (CERN-RRB-2013-094 [↗](#) Report from C-RSG Oct 2013)

- LHCb-PUB-2013-014 [↗](#) LHCb Computing Resources: 2014 re-assessment and 2015 request
- LHCb-PUB-2013-013 [↗](#) LHCb Computing Resource usage in 2013(I)

Submitted to C-RSG March 5th, 2013 (CERN-RRB-2013-008 (rev) [↗](#) Report from C-RSG April 2013)

- LHCb-PUB-2013-002 [↗](#) LHCb Computing Resources: 2013 re-assessment, 2014 request and 2015 forecast
- LHCb-PUB-2013-001 [↗](#) LHCb Computing Resource Usage in 2012(II)

Submitted to C-RSG September, 2012 (CERN-RRB-2012-116 [↗](#) Report from C-RSG October 2012)

- LHCb-PUB-2012-015 [↗](#) LHCb Computing Resources: 2015 first estimates
- LHCb-PUB-2012-014 [↗](#) LHCb Computing Resources: 2012, 2013 re-assessment and 2014 request
- LHCb-PUB-2012-013 [↗](#) LHCb Computing Resource Usage in 2012(I)

Submitted to C-RSG March 5th, 2012 (CERN-RRB-2012-045 [↗](#) Report from C-RSG April 2012)

- LHCb-PUB-2012-004 [↗](#) LHCb Computing Resources: 2012 re-assessment, 2013 request and 2014 forecast.
- LHCb-PUB-2012-003 [↗](#) LHCb Computing Resource usage in 2011. Submitted to C-RSG March 5th, 2012
- LHCb-PUB-2011-015.pdf: LHCb Computing Resource usage in 2011(I).

Submitted to C-RSG March 4th, 2011 (Report from CRSB April 2011.)

- LHCb Computing Resource usage in 2010.
- LHCb Computing Resources: 2011 re-assessment, 2012 request and 2013 forecast.
 - ◆ Update to the above Submitted to C-RSG March 17th, 2011
- New LHCb resource estimates up to 2012 (last update 28th June 2010)
- Resource requirements to C-RRB, June 2009
- Replies to questions on the above from the Computing Resources Scrutiny Group, June 2009
- CERN-RRB-2005-010 [↗](#) Addendum No. 1 to the Memorandum of Understanding for Maintenance and Operation of the LHCb Detector - Core Computing

LHCC documents

- CERN-LHCC-2014-014 [↗](#) Update of the Computing Models of the WLCG and the LHC Experiments
- CERN-LHCC-2005-019 [↗](#) LHCb computing : Technical Design Report (LHCb-TDR-11)

Reviews of LHCb Computing

- LHCb-INT-2013-041 [↗](#) Review of LHCb Computing Model (2013)
- LHCb-INT-2013-027 [↗](#) Review of Distributed Computing and DIRAC in LHCb (2013)

Working documents

- LHCb-INT-2016-016 [↗](#) Upgrade Software and Computing TDR: a roadmap
- LHCb-INT-2015-010 [↗](#) LHCb Computing Tasks in 2015
- LHCb-INT-2014-025 [↗](#) LHCb Computing Tasks, May 2014

Document making call for interest in provision of T2-D sites, following NCB meeting of 28-Feb-2013

- 130400-LHCb-NCB-T2-D-discussion

Document discussing the T1 disk situation for 2013, following NCB meeting of 28-Feb-2013

- 130425-LHCb-NCB-T1-responses
- Report on 2011 (and 2012-13) resource needs. Presentation at LHCb-Tier1 Jamboree March 2011.
- Report on 2010 Resource Usage. Presented at LHCb-Tier1 Jamboree March 2011.
- 2010 space token allocations by site
- 2010 dataflow model with site specific numbers

Useful links

- WLCG web site [↗](#)
- REBUS portal [↗](#)

-- MarcoCattaneo - 1-Apr-2016

This topic: LHCb > LHCbNationalComputingBoard

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