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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

<table>
<thead>
<tr>
<th>Country</th>
<th>Member Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair</td>
<td>Andrew McNab</td>
</tr>
<tr>
<td>Brazil</td>
<td>Renato Santana</td>
</tr>
<tr>
<td>CERN</td>
<td>Christophe Haen</td>
</tr>
<tr>
<td>China</td>
<td>Liang Sun</td>
</tr>
<tr>
<td>France</td>
<td>Andrei Tsaregorodstev</td>
</tr>
<tr>
<td>Germany</td>
<td>Joerg Marks</td>
</tr>
<tr>
<td>Italy</td>
<td>Stefano Perazzini</td>
</tr>
<tr>
<td>Netherlands</td>
<td>Jeff Templon</td>
</tr>
<tr>
<td>Poland</td>
<td>Wojciech Wislicki</td>
</tr>
<tr>
<td>Romania</td>
<td>Alex Grecu</td>
</tr>
<tr>
<td>Russia</td>
<td>Vladimir Romanovsky / Vanya Belyaev</td>
</tr>
<tr>
<td>Spain</td>
<td>Juan Jose Saborido</td>
</tr>
<tr>
<td>Switzerland</td>
<td>Roland Bernet</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>Andrew McNab</td>
</tr>
<tr>
<td>United States of America</td>
<td>Mike Williams</td>
</tr>
<tr>
<td>EIRE, Pakistan, Ukraine</td>
<td>Not identified</td>
</tr>
</tbody>
</table>

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
  - Rev 3 (June 19th 2019)
  - Rev 2 (September 17th 2018)
  - Rev 1 (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 August 25th, 2020 (CERN-RRB-2020-123 Report from C-RSG October 2020)

- LHCb-PUB-2020-005 LHCb Computing Resources: preliminary 2022 requests


- LHCb-PUB-2020-001 LHCb Computing Resources: update of 2021 requests
- LHCb-PUB-2020-002 LHCb Computing Resource usage in 2019

Submitted to C-RSG August 29th, 2019 (CERN-RRB-2019-079 Report from C-RSG October 2019)

- LHCb-PUB-2019-012 LHCb Computing Resources: 2021 requests


- LHCb-PUB-2019-003 LHCb Computing Resources: 2020 requests and preview of the subsequent years

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


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


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

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(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-2014-042 LHCb Computing Resource usage in 2014(I)


LHCb-PUB-2014-014 LHCb Computing Resources: 2015 request and looks beyond


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-2013-001 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 Computing Resource usage in 2010.
   • 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

Reviews of LHCb Computing


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


2010 space token allocations by site
2010 dataflow model with site specific numbers

Useful links

WLCG web site
REBUS portal

-- MarcoCattaneo - 1-Apr-2016