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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). Alternates/deputies in brackets.

<table>
<thead>
<tr>
<th>Country</th>
<th>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>Vanya Belyaev (Vladimir Romanovsky)</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 (Peter Clarke)</td>
</tr>
<tr>
<td>United States of America</td>
<td>Mike Williams</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

• Copyright and licensing regime for LHCb centrally managed software
• 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 16th, 2021 (CERN-RRB-2021-023 Report from C-RSG April 2021, still to be published)

• LHCb-PUB-2021-002 LHCb Computing Resources: 2022 requests
• LHCb-PUB-2021-003 LHCb Computing Resource usage in 2020

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: 2020 requests and preview of the subsequent years
• 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
• 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)


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


• LHCb-PUB-2017-019 LHCb Computing Resources: 2019 requests and reassessment of 2018 requests
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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 (II)


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


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


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


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-2012-013 LHCb Computing Resource Usage in 2012 (I)

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

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

  - 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-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

This topic: LHCb > LHCbNationalComputingBoard
Topic revision: r98 - 2021-06-14 - ConcezioBozzi

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