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# Reports and Publications

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## Classification by collections

- LHCb RICH Internal Notes [↗](#) Internal notes
- LHCb RICH Public Notes [↗](#) Public notes
- LHCb RICH Preprints [↗](#)
- LHCb RICH Theses [↗](#) Theses
- EDMS Documents [↗](#)

## Find LHCb RICH publications

- Spires [↗](#)
- Science Direct [↗](#)
- Google Scholar [↗](#)

## Classification by topic

Publications are in chronological order

- Performance of the LHCb RICH detector at the LHC. Eur. Phys. J. C 73 (2013) 2431 [↗](#), ArXiv [↗](#)
- LHCb collaboration, *The LHCb Detector at the LHC* [↗](#), Journal of Instrumentation, Vol. 3, No. 08. (2008), pp. S08005-S08005 (Chapter 6 - Particle Identification [↗](#))
- LHCb collaboration, R. Antunes-Nobrega et al., *LHCb reoptimized detector design and performance* [↗](#), CERN-LHCC-2003-030

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- T. Bellunato, *Development of ring imaging Cherenkov detectors for LHCb* [↗](#), PhD Thesis, Università degli Studi di Milano, Milano Italy (2001) Thesis
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- T. Gys, *Magnetic field simulations for the LHCb-RICH 2 detector*[↗](#), Note LHCb-2002-029 Internal N.
- M. Alemi, *Passive magnetic shielding calculation for the photodetectors of RICH2*[↗](#), Note LHCb-1998-017 Note

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- T. Bellunato et al., *Study of ageing effects in aerogel*[↗](#), Nucl. Instrum. Meth. A 527 (2004) 319
- T. Bellunato et al., *Performance of aerogel as Cherenkov radiator*[↗](#), Nucl. Instrum. Meth. A 519 (2004) 493.
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- T. Gys *Production of 500 pixel hybrid photon detectors for the RICH counters of LHCb*[↗](#) Nucl. Instr. and Meth. A 567 (2006) 176
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- M. Adinolfi, *System test of a three-column LHCb RICH 2 prototype detector*[↗](#), Nucl. Instrum. Meth. A 553 (2005) 328
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- J. Christiansen et al., *Receiver ASIC for timing, trigger and control distribution in LHC experiments*[↗](#), IEEE Trans. Nucl. Sci 43 (1996) 1773

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- C.G. Lester, *Trackless ring identification and pattern recognition in Ring Imaging Cherenkov (RICH) detectors* [↗](#), Nucl. Instrum. Meth. A 560 (2006) 621
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-- RuggeroTurra - 26 May 2009

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