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RICH Upgrade Project

This page contains information related to LHCb-RICH Upgrade

RICH Upgrade papers

- RICH2019: A proposal for the LHCb-RICH upgrade [↗](#)
- LHCb Upgrade - Particle Identification TDR (including RICH) [↗](#)
- The Future of RICH Detectors through the Light of the LHCb RICH [↗](#)

RICH Upgrade Simulation

- Simulations for the RICH upgrade

RICH Upgrade Hardware

- The Elementary Cell of the photo-detector
- The HV system
- DCS: the GBT-SCA
- DCS: the ELMB
- DCS: the LV system
- The DSS system
- The gas system
- The cooling system
- Optical Fibers for the ComLab
- Machines used in the SysLab and ComLab
- RICH1 Upgrade Mechanical Engineering
- RICH2 Upgrade Mechanical Engineering

RICH Upgrade Data Readout

- Electronics

RICH Upgrade ECS

- WinCC projects
- Development guidelines
- HV
- DAQ
- DCS
- Safety
- Setup of OPC-UA servers
- Inventory-Bookkeeping-Connectivity DataBase (IBCDB)

RICH Upgrade Test-Beam

- Test-Beam related stuff

RICH Upgrade

- Operating the setup in the SysLab

RICH Upgrade

- Operating the setup in the ComLab

This topic: LHCb > RichUpgrade

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