

LHCb

A word cloud visualization centered around the LHCb experiment, featuring various physics terms and experimental details. The words are color-coded by category:

- Large Red Words:** Preliminary, q², GeV²/c⁴, SM, data, signal.
- Orange Words:** CDF, MeV/c², Cut, Compatible, upper, sign, Asymmetry, phase-space, Acceptance.
- Yellow Words:** efficiencies, RICH2, dimuon, background, background, tracks, tracks, AF, Blue, PID, analysis, PhD.
- Medium Red Words:** theory, clearly, peak, hits, 10⁻⁷, around, Determine, muon, Determine, go, 106BB, events, 5m, new, very rare in the SM, Measure, Used, Avoid, zero-crossing, FB, μ⁺.
- Medium Orange Words:** track, track, mass, mass, FL, mass, 10m, bins, Particle, reconstruct, trained, hypotheses.
- Medium Yellow Words:** BaBar, BaBar, 20m, Velo, decay, reconstructed, tag measurements, within, derived, Conclusion.
- Small Red Words:** Belle, Tracking, J/ψK, prediction, trigger, tracking, IJK, errors, ratio, event-by-event, region.
- Small Orange Words:** Binned, Θl, Divide, HCAL, software, 15m, convention.
- Small Yellow Words:** Kπμμ, πμμ, dB/dq₂, effects, sure, public, restframes, outlines.
- Smallest Red Words:** De J/ψ point, physics, probe, good, measurement, disfavoured, Use, μμK.
- Smallest Orange Words:** sideband, ghost, subdetector level, K^{TT}, station, Fit, kaons, beneficial, distribution, MC, c4/GeV2, crosssection.
- Smallest Yellow Words:** excluding variables, BELLE, extract.

The word cloud is centered around the LHCb experiment, with many terms related to particle physics, experimental methods (like tracking and trigger), and theoretical models (like SM and GeV²/c⁴).