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Internal papers

Optimising HLT code for run-time efficiency [↗](#)

CPU Counters documentation & analysis

For Intel:

Intel Core i7 and Xeon Perf Ananalysis guide (D.Levinthal)[↗](#)

Nehalem PMU Programming Guide[↗](#)

For AMD:

AMD - basic performance measurements for AMD Athlon 64[↗](#)

Openlab

- 2010 Analysis of Experiments software by Openlab [↗](#)
- Perfmon_th_07_2010.ppt: Openlab Presentation 2012

Vectorization

- CMS on autovectorization
- Vc: SIMD Library [↗](#)
- eigen library for vectorized matrix mathematics [↗](#)

-- BenjaminCouturier - 10-Oct-2012

This topic: LHCb > ReferencesSoftwareOptimization
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