

CMS 64bit transition and multicore plans

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CMS has ported its complete software stack to run natively on 64 bit linux and it's using it for all its computing workflows, from data acquisition to final analysis. In this talk we'll present our experience with such a transition, both in terms of deployment issues and actual performance gains. Moreover, we'll give an insight of what we consider our present and future challenges, focusing in particular on how we plan to exploit multi-core architectures.

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