

## The development of common thermo-mechanical facilities

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The requirements imposed by the Physics of the new particle and nuclear physics experiments and the upgrades of the existing ones on the detector trackers are more and more challenging. The required degree of expertise of the institutes participating in the design and construction of the trackers whittles down the range of possible activities that can be efficiently tackled both in terms of personal and equipment by a single group. In the last years we have witnessed an increased degree of collaboration among very geographically spread research groups as a response to the increasing complexity of the systems that have to be built. This has generated a substantial knowledge and a number of institutions have considerably improved their equipment. In this talk we explore the possibilities offered by a model in which the know-how acquired is made available as a set of common building blocks and recommendations and some of those improved facilities are made accessible to the community.

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