COLLABORATING WITH INDUSTRY: LESSONS FROM THE LHC MEGAPROJECT

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Abstract

The LHC is an accelerator with unprecedented complexity, requiring an investment substantially exceeding other accelerator projects. Industry from many countries played a key role during all phases of the LHC project, for research, development, production, assembly of components and installation. There are many different ways of working with industry, however, some constraints due to the status of CERN as an inter-governmental organisation have to be taken into account. The presentation will review the experience when collaborating with industry with the objective of profiting from the lessons during LHC construction for future projects of similar size, such as FEL at DESY, FAIR, ILC and ITER.

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