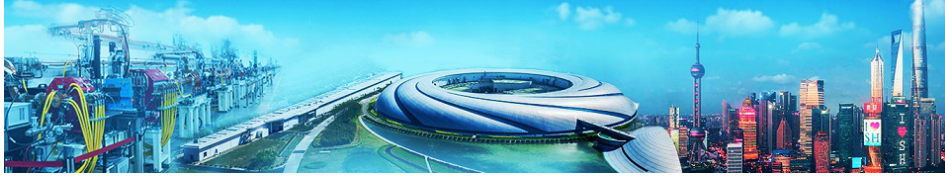


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The CLIC high-gradient fabrication and testing program

Tuesday 5 June 2018 09:50 (25 minutes)

Much has been learned in the past decade regarding high gradient RF structures, in particular, thanks to the operation of the European X-band test facilities at CERN. The CLIC study needs to present to the European Strategy Group a case for a 380 GeV machine upgradable to higher energies and with a final aim of 3TeV centre of mass collisions. This case needs to address, design, manufacturability, commissioning and operation of the RF structures. This talk will present the main activity lines foreseen for the fabrication of CLIC prototypes for the next years as well as the testing program integrating both the CERN production as well as structures coming from external collaborations.

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