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**Status of the CEPC Project, accelerator, detector and  
physics (15' + 5')**

*Thursday, 4 August 2016 09:00 (20 minutes)*

Being the next generation of circular collider, the CEPC project will be installed in a tunnel of at least 54 km circumference. Using electron-positron collisions, the CEPC project provides high precision measurements for Higgs physics and electroweak physics. The CEPC could be upgraded to SPPC, which can explore the physics landscape at  $\mathcal{O}(100)$  TeV proton collisions. Other collision operations, such as e-p and heavy ion collisions, is also under discussion. This talk covers the accelerator baseline design, R&D progress of Detector and the exploration of Physics potential with simulation at CEPC.

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