



Contribution ID: 58

Type: **Paper**

The photogrammetry application R&D in CEPC

Thursday, 11 October 2018 14:30 (30 minutes)

Circular Electron Positron Collider (CEPC) will be a very huge accelerator, current alignment methods can not significantly increase efficiency when it still demands the same precision requirement. So we introduced photogrammetry into accelerator tunnel measurement, because of its high efficiency. But accelerator tunnel which is a long and narrow space with few targets is very different from the usual photogrammetry circumstances, lots of research need to be done, this talk will cover several parts of the research work.

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Session Classification: Other Geodetic and Survey Topics

Track Classification: Other Geodetic and Survey Topics