# GEOMETRY CREATION METHODOLOGIES FOR LHC POINT 4 

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## LHC



## Point 4



## The first phase



## Displacement



## Displacement



In sketch the circle and the line were far away from each other

Point Distance


## Point Distance


Merging distance $\quad 0,001 \mathrm{~mm}$


Two points of interlacement were far away on axis $X$

## Sketch length problem



## Sketch length problem




The length of sketch was statutoried in details

## Wrong Circle



## Wrong Circle



## Pipes And Kleystron



## The Third phase



## Scan model of Point 4

## Miles



## Different



Different


## Thank you for your attention

