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## 3D integration of FCC-ee RF systems targets and challenges

*Thursday, 23 May 2024 16:00 (2 hours)*

Following the study progress on the FCC-ee radiofrequency systems (i.e. length of the cryomodules), general services infrastructure (i.e. electrical, cooling, ventilation), transport and handling volumes, and alignment requirements, the 3D integration evolved with a new configuration scenario. This paper describes the new proposal to locate the collider RF elements (400 MHz and 800 MHz cryomodules) at point H, and the booster RF elements (800 MHz cryomodules) at point L, without changing the 5.5 m inner diameter tunnel.

### Footnotes

### Funding Agency

### Paper preparation format

### Region represented

Europe

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