



Contribution ID: 419 Contribution code: WEPS65

Type: **Poster Presentation**

## The first FCC-ee final focus quadrupole prototype

*Wednesday, 22 May 2024 16:00 (2 hours)*

A first FCC final focus quadrupole prototype has been designed, constructed and tested. The prototype is of a Canted Cosine Theta type using a NbTi conductor with novel features like edge compensation and wax impregnated. It has an aperture of 40 mm and a field gradient of 100 T/m. In this paper we recall the main design features and report on the test results on field quality and the powering campaign.

### Footnotes

### Funding Agency

### Paper preparation format

### Region represented

Europe

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**Session Classification:** Wednesday Poster Session

**Track Classification:** MC7: Accelerator Technology and Sustainability: MC7.T10 Superconducting Magnets