



Contribution ID: 1302 Contribution code: TUPS145

Type: **Poster Presentation**

R&D on efficient ultra-high frequency RFQ structures

Tuesday 3 June 2025 16:00 (2 hours)

RFQ (Radio frequency quadrupole) accelerating structures for RF frequencies lower than 400 MHz have been intensively investigated for decades. To realize modern medical accelerators with more compact layouts, there is an increasing interest to use ultra-high frequencies (UHF: 0.3 - 3 GHz). This study performs R&D towards efficient UHF RFQ structures. The design and simulation results will be presented.

Footnotes

Paper preparation format

LaTeX

Region represented

Europe

Funding Agency

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Session Classification: Tuesday Poster Session

Track Classification: MC4: Hadron Accelerators: MC4.A08 Linear Accelerators