



Contribution ID: 166 Contribution code: THPT31

Type: **Poster Presentation**

Grided RF Gun Design

Thursday, October 23, 2025 5:10 PM (20 minutes)

This paper presents a thermionic cathode electron gun with a compact structure for generating continuous-wave electron beams by introducing 650MHz microwave power into the cathode-grid assembly.

Footnotes

Funding Agency

I have read and accept the Privacy Policy Statement

Yes

Authors: Mr LIANG, Zehua (Institute of Modern Physics, Chinese Academy of Sciences); WANG, Zhijun (Institute of Modern Physics, Chinese Academy of Sciences)

Presenter: Mr LIANG, Zehua (Institute of Modern Physics, Chinese Academy of Sciences)

Session Classification: THPT poster session

Track Classification: WGC:Accelerator Systems