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Type: **Poster Presentation**

## Relativistic strophotron free electron laser

*Monday 2 June 2025 16:00 (2 hours)*

The scheme with quadrupole lenses is presented for realization relativistic strophotron type Free electron laser. Equations of motion are solved and trajectories are found. It is shown, that movement of electrons in presented scheme is stable in both transverse directions.

### Footnotes

### Paper preparation format

Word

### Region represented

Europe

### Funding Agency

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