## The XXVI International Scientific Conference of Young Scientists and Specialists (AYSS-2022)

Contribution ID: 1028 Type: Oral

## Design of the magnetic system for the MSC-230 isochronous cyclotron

Tuesday, 25 October 2022 16:20 (15 minutes)

The design of the magnet and the characteristics of the magnetic field will be discussed. A parametric 3D model was made for a fast sectors' shape adjustment to make the magnetic field isochronous.

**Primary author:** LYAPIN, Ivan (JINR)

Co-authors: MALININ, Vladimir (JINR); POPOV, Dmitry (JINR); KARAMYSHEV, Oleg (JINR); SHIRKOV,

Stepan (Grigorievich)

**Presenter:** LYAPIN, Ivan (JINR)

Session Classification: Particle Accelerators and Nuclear Reactors

**Track Classification:** Particle Accelerators and Nuclear Reactors