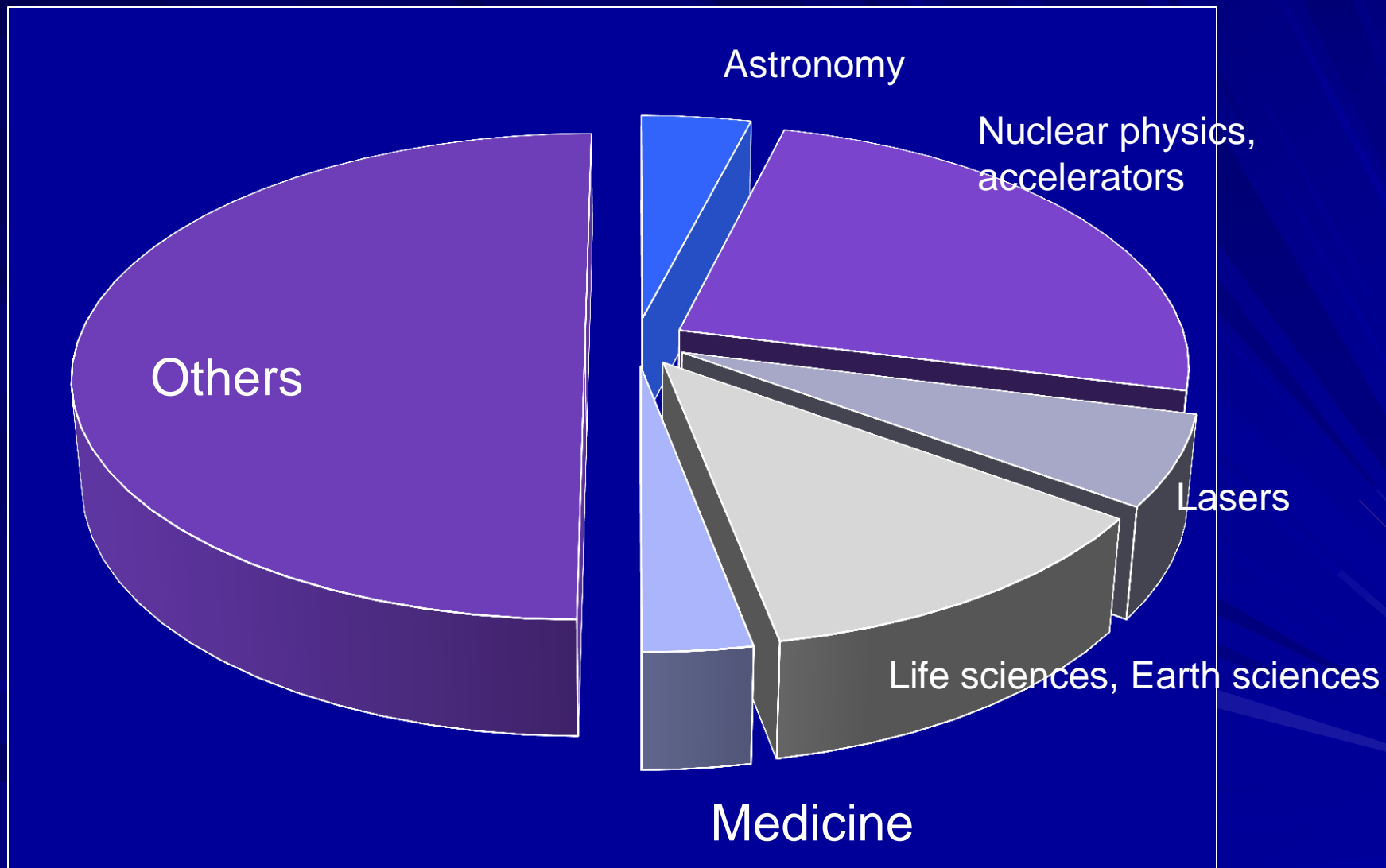


# Unique scientific equipment in Russia



# Mega-science in Russia

## European projects

- *Large Hadron Collider (Switzerland)*
- *Nuclear reactor ITER (France)*
- *European X-ray Laser Free Electrons (XFEL, Germany)*
- *Heavy ions accelerator FAIR (GSI, Darmschtadt, Germany)*

## Russian projects

- Heavy Ions Collider (NICA, Dubna)
- 4<sup>th</sup> Generation Source of Synchrotron Radiation (MARS, Kurchatov Institute)
- Nuclear Reactor "IGNITOR" (Troitsk)
- Neutron Research PIK (Gatchina near S. Petersburg)
- International Center of Extreme Light Fields Study (Applied Physics Institute in Nizhni Novgorod (Gorkij))
- Electron-positron Collider (Nuclear Physics Inst., Novosibirsk)



Platform of VLT telescopes at Paranal in Chili,  
European Southern Observatory

# International research infrastructure

- Joint efforts of many country-members
- Long phase of a project discussion, development accurate definition
- Rapprochement of legislation in the field of science
- Entrance fees of country-members could be very high
- International sci committees
- Excess to sci instruments proportional to the financial inputs of the members
- Joint publications