

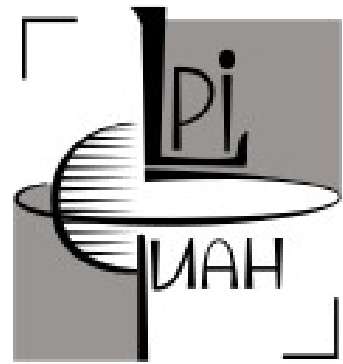
P.N. Lebedev Physical Institute of the Russian Academy of Sciences

Timofey Uglov
LPI RAS

Super Charm-Tau Factory Partnership kick-off meeting

Novosibirsk

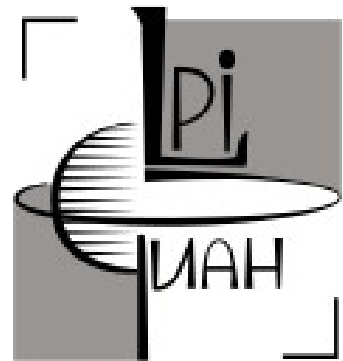
November 18, 2021



P.N. Lebedev Physical Institute

- Oldest research institution in Russia
- One of the leading scientific centers specializing in physics
- More than 800 physicists, 400 PhDs
- 4 Nobel Prizes, 7 Nobel prize winners
- Main research activities:
 - Laser technology
 - Superconductivity
 - Cosmic rays and γ -astronomy
 - Dark matter properties
 - Particle physics





LPI SCTF Team



Marina Chadeeva



Alexey Nefediev



Pavel Pakhlov



Timofey Uglov

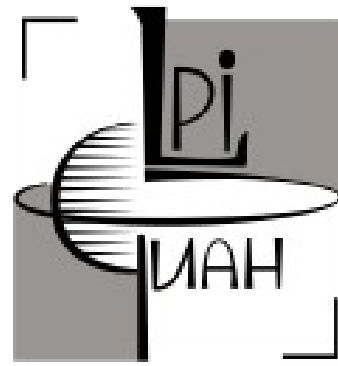


Vitaliy Popov



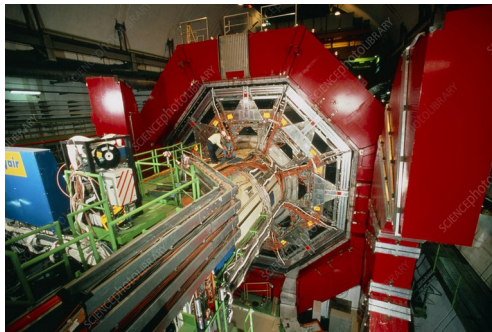
Denis Bodrov

LPI SCTF Team: background



Team members are experienced in various fields:

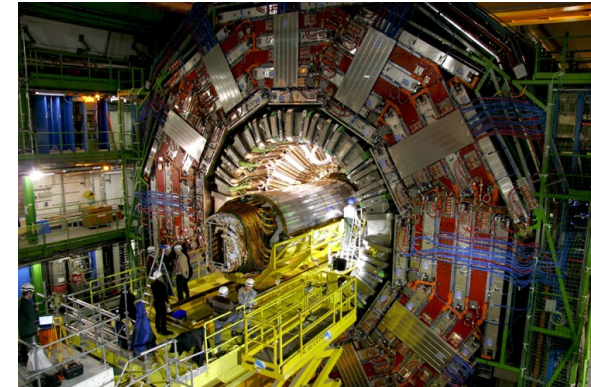
- Experiment planning
- Detector construction, maintenance and running
- Data analysis
- Theoretical studies



ARGUS



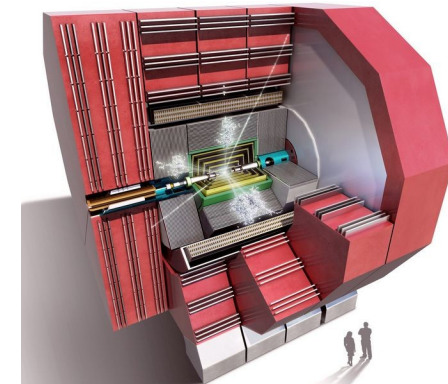
BELLE / BELLE II



CMS

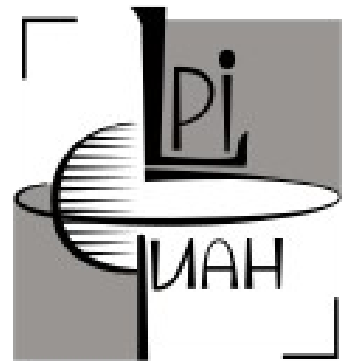
L3

Plastic scintillator technologies
Muon detection / Calorimetry



ILC detector





LPI SCTF Team: interests

SCTF Physics program determination

R&D, production and running of the SCTF muon system

R&D, production and running of the SCTF FARICH system

Data analysis