

IV Cherenkov Readings "New Methods in Experimental Nuclear and Particle Physics"

April 12, LPI, Moscow
<http://x4u.lebedev.ru/che2011>

Preliminary Program

- 10:00 Opening.
- 10:10 **D.S.Gorbunov** (INR RAS) "LHC: is the end or start of a new physics?"
- 10:35 **S.V.Petrushanko** (SINP MSU) "First CMS results on nuclear-nuclear collisions".
- 11:00 **I.I.Roisen** (LPI RAS) "QCD versus black holes of the star matter".
- 11:25 coffee
- 11:45 **Yu.G.Kudenko, M.M.Khabibullin** (INR RAS) "Accelerator studies of neutrino oscillations".
- 12:10 **V.V.Sinev** (INR RAS) "Reactor neutrino experiment on a search for the Θ_{13} mixing angle".
- 12:35 **E.V.Shirokov** (SINP MSU) "Deep-underwater neutrino Cherenkov telescopes".
- 13:00 lunch, coffee
- 14:00 **V.M.Grishin** (LPI RAS) "Threshold of Cherenkov radiation and angular distribution in real medium".
- 14:25 **V.V.Prosin** (SINP MSU) "First TUNKA-133 results on studying EAS with Cherenkov light".
- 14:50 **A.P.Serebrov** (PNPI RAS) "High-intensity source of ultra-cold neutrons for fundamental and applied research".

15:15 **A.V.Stavinski, K.R.Mihailov** (ITEP) "Position-sensitive neutron detector with avalanche photodiodes".

15:40 coffee

16:00 **V.G.Nedorezov** (INR RAS) "Experimental projects of electron-nucleus colliders".

16:25 **I.A.Koop** (INP, Novosibirsk, RAS) "Experimental and theoretical study of collision effects for round beams".

16:50 **V.G.Kurakin** (LPI RAS) "Superconducting accelerator structures".

17:15 Closure

- INR RAS - Institute for Nuclear Research RAS. <http://www.inr.ru/>
- SINP MSU - Skobel'syn Institute of Nuclear Physics MSU. <http://www.sinp.msu.ru/>
- LPI RAS - Lebedev Physical Institute RAS. <http://www.lebedev.ru/>
- PNPI RAS - Konstantinov Petersburg Nuclear Physics Institute. <http://www.pnpi.spb.ru/>
- ITEP - Alikhanov Institute for Theoretical and Experimental Physics. <http://www.itep.ru/>
- INP, Novosibirsk, RAS - Budker Institute of Nuclear Physics. <http://www.inp.nsk.su/>

Site: Lebedev Physical Institute. Russia, Moscow.

Location: main building, 2nd floor, conference hall.

Address: building 53, Leninsky prospect, Moscow, 119991. Attendance is free (with passport) from the entry at Leninsky prospect.

Transportation: from "Leninsky prospect" metro station by bus/trolley to "Univermag Moskva" stop. See also a scheme at the LPI web site http://www.lebedev.ru/en/main_top/ or the map http://www.lebedev.ru/en/contacts_top/