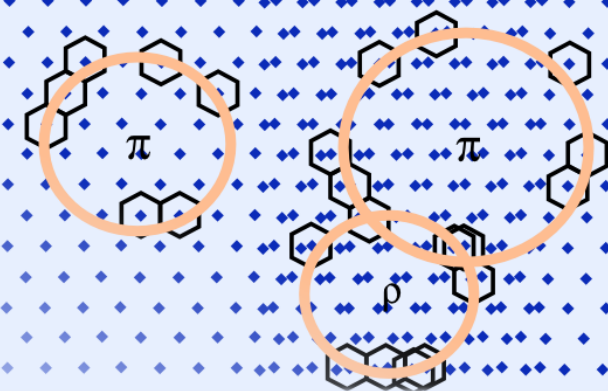




## V Cherenkov Readings

# New Methods in Experimental Nuclear and Particle Physics



Moscow, Lebedev Physical Institute, April 10, 2012

<http://x4u.lebedev.ru/che2012>

### PROGRAM

10.00 Opening

10.05 **L.A.Bityutskaya** (VSU). "On a Youth Inter-regional School-Conference Cherenkov Readings in Voronezh".

10.15 **L.N.Smirnova** (SINP MSU). "Physics results from Large Hadron Collider".

10.40 **S.A.Sadovsky** (IHEP). "Results of the ALICE experiment".

11.05 **T.A.Dzhatdov** (SINP MSU). "Results of the OPERA experiment - neutrino oscillations".

11.30 coffee

11.50 **S.P.Denisov** (IHEP). "New results of experiments at Tevatron".

12.15 **I.A.Savin** (JINR). "Studies of the nucleon structure in deep-inelastic scattering of high-energy muons". COMPASS experiment.

12.40 **A.I.Lebedev** (LPI RAS). "Electroproduction of hadron jets with heavy quarks".

13.05 **E.N.Golovach** (SINP MSU). "Nucleon resonances in electroproduction of  $\pi^+\pi^-$  pairs off the nucleon". JLab experiments.

13.30 lunch / coffee

14.15 **S.S.Khokhlov** (MEPhI). "Cascade showers in a Cherenkov water detector".

14.40 **A.P.Chubenko** (LPI RAS). "Neutrons generated in lead by hadrons from extensive air showers".

15.05 **G.M.Gurevich** (INR RAS). "Active scintillator polarized target".

15.30 coffee

15.50 **V.N.Fetisov** (LPI RAS). "About nuclear and Coulomb interaction in coherent fragmentation of relativistic nuclei in photoemulsion".

16.10 **A.S.Boldyrev** (SINP MSU). "Gas-pixel

detectors for the ATLAS experiment".

16.30 **K.A.Ivanov** (MSU). "New photonuclear methods on the base of femtosecond lasers".

16.50 **M.G.Sapozhnikov** (JINR). "A setup for detecting hidden explosives with tagged neutrons".

17.10 **A.V.Serov** (LPI RAS). "Transition radiation in complex structures".

17.30 Closing

- VSU - Voronezh State University. <http://www.vsu.ru>
- SINP MSU - Skobeltsyn Institute of Nuclear Physics, Moscow State University. <http://www.sinp.msu.ru>
- IHEP - Institute of High Energy Physics, Protvino. <http://www.ihep.ru>
- JINR - Joint Institute for Nuclear Research, Dubna. <http://www.jinr.ru>
- LPI RAS - Lebedev Physical Institute RAS. <http://www.lebedev.ru>
- NRNU MEPhI - National Research Nuclear University Moscow Engineering Physics Institute. <http://www.mephi.ru>
- INR RAS - Institute for Nuclear Research RAS. <http://www.inr.ru>
- MSU - Lomonosov Moscow State University. <http://www.msu.ru>

**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 the map

[http://www.lebedev.ru/en/contacts\\_top](http://www.lebedev.ru/en/contacts_top) or a scheme at the LPI web site  
[http://www.lebedev.ru/en/main\\_top](http://www.lebedev.ru/en/main_top)