

Yuri Gershtein

Curriculum Vitae

Education

- Ph.D., Institute for Theoretical and Experimental Physics, Moscow. Thesis: "A Study of $\bar{B}^0 \rightarrow D^{*-} l^+ \nu$ and $B^0 - \bar{B}^0$ Mixing Using Partial D^{*-} reconstruction", 1996
Advisor: M. Danilov
- B.Sc., Moscow Institute for Physics and Technology, 1992

Fellowships and Awards

- DOE Outstanding Junior Investigator, 2006
- Alikhanov's Fellowship, 1998

Positions Held

2004 – present Assistant Professor of Physics at Florida State University, Tallahassee, FL
1999 – 2004 Research Associate at Brown University, Providence, RI
1996 - 1999 Research Scientist at Institute for Theoretical and Experimental Physics, Moscow, Russia.
1991 - 1995 Research Assistant at Institute for Theoretical and Experimental Physics, Moscow, Russia.

Professional Experience: Experiments

2004 – present CMS Collaboration. Searches for physics beyond the Standard Model, electron and photon reconstruction and identification
1997 – present DØ Experiment. Searches for physics beyond the Standard Model, photon and τ reconstruction and identification, track triggers
1994 – 1997 CMS Collaboration. Quartz Fiber Čerenkov calorimeter development and beam tests, case studies for Higgs discovery strategy, especially in WW and $\tau\tau$ decay modes
1994 HERA-B Collaboration. Case studies for rare τ decays
1993 GEM Collaboration. Muon system alignment.
1991 – 1999 ARGUS Experiment. Semileptonic B decays, $B^0 - \bar{B}^0$ mixing, D^0 decays.

Professional Experience: Leadership positions

2004 – present Head of the Electron-Photon Group at the LHC Physics Center at FNAL.
2003 – 2004 Convener of the DØ Common Samples Group
2002 – 2003 Convener of the DØ New Phenomena Trigger Working Group
2000 – 2003 Convener of the DØ Tau ID group
1999 – 2000 Manager of the Silicon Barrel assembly project for the DØ Upgrade

Publications

Co-author of 154 papers published in refereed journals. Total number of citations in refereed journals is 3932.

Recent Presentations and Lectures

“Searches for Supersymmetry” - Invited talk at SUSY06, June 2006

“New Results from Tevatron” - Invited talk at SESAPS, November 2005

“CMS 101” – several lectures and tutorials at the LHC Physics Center at FNAL

watch one of them on the web at the FNAL's video archive:

http://vmsstreamer1.fnal.gov/VMS_Site_03/Lectures/CMS101/Gershtein/index.htm

“LHC at FNAL” - FNAL Annual User's Meeting, 2005

watch it on the web at the FNAL's video archive:

http://vmsstreamer1.fnal.gov/VMS_Site_03/Lectures/Users2005/050609Gershtein/index.htm

"Searches for Gauge-Mediated Supersymmetry" - DPF 2004, Riverside, CA

“New Phenomena Results at DØ” - FNAL Annual User's Meeting, 2003

watch it on the web at the FNAL's video archive:

http://vmsstreamer1.fnal.gov/VMS_Site_02/Lectures/Users2003/Gershtein/index.htm