

OLGA EVDOKIMOV

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EDUCATION

Ph.D. in Physical and Mathematical Sciences

Joint Institute for Nuclear Research, Dubna, Russia, and Ivanovo State University,
Ivanovo, Russia (1999)

Thesis: "*Alignment and Fast Algorithms of Data Treatment for 4π -geometry Detectors.*"

M.S. in Physics

Ivanovo State University, Ivanovo, Russia (1996)

M.S. Thesis: "*Problem of overlapping signals resolution in type RICH Cherenkov detectors*"

EMPLOYMENT

Department of Physics, University of Illinois, Chicago, IL

Professor (2015 - present)

Department of Physics, University of Illinois, Chicago, IL

Associate Professor (2010 - 2015)

Department of Physics, University of Illinois, Chicago, IL

Assistant Professor (2006 - 2010)

Department of Physics, University of Illinois, Chicago, IL

Adjunct Assistant Professor (2005 -2006)

Department of Physics, Purdue University West Lafayette, IN

Research Scientist (2002 - 2005)

Department of Physics, Purdue University West Lafayette, IN

Post-Doctoral Research Associate, Department of Physics (1999 –2002)

Joint Institute for Nuclear Research Dubna, Russia

Research Fellow, Laboratory of High Energy Physics (1996 – 1999)

Joint Institute for Nuclear Research Dubna, Russia

Intern, Laboratory of Information Technologies (1994, 1995)

ACTIVITIES

- Research: Over thousand publications in peer-reviewed journals, with 136 articles in Physical Review Letters ($h_{\text{hep-index}}$: 170)
- The Electron-Ion Collider
 - ePIC JEST and Heavy Flavor Working group convener (2023-present)
 - EIC Users Group Institutional Board Chair (2021-2023)
 - The ATHENA Detector Organizing Committee member (2021-2022)
 - EIC Yellow Report Physics Convener (2019-2021)
- The STAR Experiment at RHIC
 - Physics: Identified hadron measurements, flow, correlations, jet studies
 - STAR Collaboration Council Chair (2017-2020)
 - Deputy Spokesperson (2008-2011)
 - Publication review committee member (16), chair (4)
- The CMS Experiment at the LHC
 - Physics: Jet structure studies, correlations, di-muons for jet flavor tagging
 - CMS Publication Board Chair for Heavy Ion Nuclear Physics (2023 – present)
 - CMS Publication Board member for Heavy Ion Nuclear physics (2012-2023)

SELECTED PUBLICATIONS

Search for medium effects using jets from bottom quarks in PbPb collisions at 5.02 TeV; Phys. Lett. B 844 (2023) 137849

Azimuthal anisotropy of dijet events in PbPb collisions at 5.02 TeV; JHEP 07 (2023) 139

In-medium modification of dijets in PbPb collisions at 5.02 TeV; JHEP 05 (2021)116

Measurement of b jet shapes in proton-proton collisions at 5.02 TeV; JHEP 05 (2021)054

Measurement of quark- and gluon-like jet fractions using jet charge in PbPb and pp collisions at 5.02 TeV, JHEP 07 (2020)115

PROFESSIONAL SERVICE

- Member, Nuclear Science Advisory Committee to the US Department of Energy and the National Science Foundation (2018-2020)
- Chair, Local Organizing Committee for Quark Matter 2017 conference
- Member, International Advisory Committee for Quark Matter 2019, 2018, 2015, 2014, and 2012 conferences and for Hard Probes 2020 and 2016 conferences
- Reviewer for US Department of Energy, Japan Society for the Promotion of Science, Phys. Rev. Letters, Phys. Rev. C, Phys. Lett. B, and J. Phys. G: Nucl. Part. Phys.