

# Curriculum Vitae

## Alexey GUSKOV



### Personal information:

**Date of birth:** 5.06.1980

**Place of birth:** Tula region, USSR

### Languages:

Russian - native speaker

English

### Education and degrees:

**2001:** Moscow Institute of Physics and Technology, **bachelor degree**

Title of the Bachelor thesis: "Testing of muon detectors for the ATLAS experiment"

**2003:** Moscow Institute of Physics and Technology, **master degree**

Title of the Master thesis: "Alignment of tracking detectors at the HARP experiment"

**2010:** University of Turin, Dottore di Ricerca in Scienza e alta tecnologia - indirizzo in Fisica e astrofisica (**PhD degree**)

Title of the PhD thesis: "Analysis of the charged pion polarizability measurement method at the COMPASS experiment"

**2019:** Joint Institute for Nuclear Research, **Doctor of Science** in Physics and Mathematics

Title of the Doctorate thesis: "Studying the structure and properties of mesons through their interaction with virtual photons in the COMPASS experiment"

### Professional career:

**2001-2003:** engineer (DLNP, JINR)

**2003-2008:** junior researcher (DLNP, JINR)

**2008-2012:** researcher (DLNP, JINR)

**2010-2011:** PostDoc position in the University of Turin

**2012-2014:** senior researcher (DLNP, JINR)

**2014-2019:** head of sector (DLNP, JINR)

**2019-2020:** deputy head of the Department of Colliding Beams Physics (DLNP, JINR)

**Since 2020:** head of the Department of Colliding Beams Physics (DLNP, JINR)

### Scientific activity:

**2002-2011:** participation in the **HARP** experiment (CERN)

**Since 2003:** participation in the **COMPASS** experiment (CERN). The JINR team leader since 2022.

**Since 2008:** participation in the **SPD** project at NICA (JINR). The project leader since 2020. Co-spokesman of the SPD collaboration since 2022.

**Since 2016:** participation in the **BESIII** experiment (IHEP, Beijing, China)

**Since 2017:** proposal preparation and participation in the **AMBER** experiment (CERN). The JINR team leader since 2022.

### Scientific interests:

- Hadron structure
- Hadron spectroscopy

- Spin physics
- QCD
- Cosmic rays

**Scientific publications:**

Co-author of more than **500** publications (ORCID 0000-0001-8532-1900)  
h-index **52** (INSPIRE)

**Educational activity:**

**Since 2012:** course “Analysis of experimental data” (Moscow Institute of Physics and Technology / Moscow State University / JINR University Center)

Supervisor of **17 diploma** (Moscow Institute of Physics and Technologies, Moscow State University, Moscow Engineering Physics Institute, Irkutsk State University, Ural Federal University) and **2 PhD theses** (JINR, Cairo University)

**Prizes and awards:**

First JINR prize for 2015: “Measurement of charged pion polarizability in the COMPASS experiment”

**Memberships:**

Member of the International Spin Physics Committee since 2022