

DMITRY SVINKIN

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PERSONAL DATA

Place and Date of Birth: Saint Petersburg, Russia, 1 March 1984

Nationality: Russian

PRIMARY RESEARCH INTERESTS

Gamma-ray bursts, supernovae, magnetars, time-domain astronomy, high-energy astrophysics

EDUCATION & APPOINTMENTS

2024–Present	Associate Professor, Alferov University
2007–Present	Researcher, Ioffe Institute
2016	PhD, Ioffe Institute, Astrophysics
2007	MSc, Peter the Great St.-Petersburg Polytechnic University, Physics
2005	BSc, Peter the Great St.-Petersburg Polytechnic University, Physics

PUBLICATIONS

h-index: 29; Refereed: first author 4; total 65; GCN circulars & ATels 1411

Selected publications:

1. Lysenko A. L., **Svinkin D.**, Frederiks D., et al., The Third Konus-Wind Catalog of Short Gamma-Ray bursts, arXiv:2410.16896, PASA accepted, 2025
2. Liu Y., Sun H., Xu D., **Svinkin D.**, et al., Soft X-ray prompt emission from the high-redshift gamma-ray burst EP240315a, Nat. Astron., 2025
3. Ho A. Y. Q., ..., **Svinkin D.**, et al., Minutes-duration optical flares with supernova luminosities, Nature 623, 927–931, 2023
4. Burns E., **Svinkin D.**, Fenimore E., et al., GRB 221009A: The BOAT, ApJL 946. 31, 2023
5. Frederiks D., **Svinkin D.**, Lysenko A. L., et al., Properties of the extremely energetic GRB 221009A from Konus-WIND and SRG/ART-XC observations, ApJL, 949, 1, 7, 2023
6. Ho A. Y. Q., ..., **Svinkin D.**, et al., Cosmological Fast Optical Transients with the Zwicky Transient Facility: A Search for Dirty Fireballs, ApJ 938, 85, 2022
7. Tsvetkova A., **Svinkin D.**, Karpov S., Frederiks D., Key Space and Ground Facilities in GRB Science, Universe 8, 7, 373, 2022
8. **Svinkin D.**, Hurley K., Ridnaia A., Lysenko L., et al., The second catalog of Interplanetary network localizations of Konus short-duration gamma-ray bursts, ApJS 259, 34, 2022
9. Burns E., **Svinkin D.**, Hurley K., et al., Identification of a local sample of gamma-ray bursts consistent with a magnetar giant flare origin ApJL 907, 28, 2021

10. Ridnaia A., **Svinkin D.**, Frederiks D, et al., A peculiar hard X-ray counterpart of a Galactic fast radio burst, *Nat. Astron.* 5, 372, 2021
11. **Svinkin D.**, Frederiks D., Hurley K., et al., A bright gamma-ray flare interpreted as a giant magnetar flare in NGC 253, *Nature* 589, 7841, 211, 2021
12. Ahumada T., ..., **Svinkin D.** et al., Discovery and confirmation of the shortest gamma-ray burst from a collapsar, *Nat. Astron.* 5, 917, 2021
13. **Svinkin D.**, Aptekar R., Golenetskii S., et al., Classification of gamma-ray bursts observed with Konus-Wind, *J. Phys.: Conf. Ser.* 1400, 022010, 2019
14. Abbott B. P., ... , **Svinkin D.** et al., Multi-messenger observations of a binary neutron star merger, *ApJL* 848, 12, 2017
15. **Svinkin D.**, Frederiks D., Aptekar R., et al., The second Konus-Wind catalog of short gamma-ray bursts *ApJS* 224, 10, 2016
16. Hurley K., **Svinkin D.**, Aptekar R., The Interplanetary Network Response to LIGO GW150914, *ApJL* 829, 12, 2016
17. **Svinkin D.**, Hurley K., Aptekar R., A search for giant flares from soft gamma-ray repeaters in nearby galaxies in the Konus-WIND short burst sample, *MNRAS* 447, 1028, 2015
18. Pal'shin V., Hurley K., **Svinkin D.**, et al., Interplanetary network localizations of Konus short gamma-ray bursts *ApJS* 207, 38, 2013

INVITED TALKS

2024	St.-Petersburg University, Astronomy department, St.-Petersburg, Russia
2022	Bursting Universe by Robots Eyes, SAI MSU, Moscow, Russia
2018	Institute of Applied Astronomy RAS, St.-Petersburg, Russia
2018	Fifteenth Marcel Grossmann Meeting, Rome, Italy
2016	The Goddard Space Flight Center, USA
2016	The National Space Science and Technology Center, USA

CONTRIBUTED TALKS

2024	High energy astrophysics 2024, IKI, Moscow, Russia
2023	High energy astrophysics 2023, IKI, Moscow, Russia
2022	High energy astrophysics 2022, IKI, Moscow, Russia
2021	High energy astrophysics 2021, IKI, Moscow, Russia
2021	European Astronomical Society Annual Meeting, Virtual
2018	The Eighth International Fermi Symposium, Baltimore, USA
2016	The Eighth Huntsville Gamma-Ray Burst Symposium, Huntsville, Alabama, USA

LEADERSHIP & PROFESSIONAL SERVICE

Scientific leadership and membership roles

2021–Present	The Interplanetary network coordinator
2017–Present	The MASTER telescope net contributor
2011–Present	The Interplanetary network contributor

Invited positions for service

2023	Referee/reviewer for MNRAS
2019	Member, SOC, "Ioffe Workshop on GRBs and other transient sources: 25 Years of Konus-Wind"
2014	Member, LOC, "Ioffe Workshop on GRBs and other transient sources: 20 Years of Konus-Wind"

TEACHING

- Alferov University** 2024-present
- X-ray and gamma-ray astronomy course
- Alferov Academic lyceum "Physical-Technical High School"** 2016-present
- Lectures on high-energy astrophysics for high school student

ADVISING & MENTORING

- 2024–Present BSc Thesis: Panteleeva V., Spectral evolution of short GRBs detected by Konus-Wind
- 2016–Present Advisor of high school student research projects at Alferov Academic lyceum
- 2024 MSc Thesis: Demin A., Konus-Wind and Fermi-GBM GRB cluster analysis
- 2023 MSc Thesis: Lyashenko N., Spectral analysis of short GRBs detected by Fermi-GBM
- 2020 BSc Thesis: Temiraev Yu., Spectral evolution of long GRBs detected by Konus-Wind
- 2020 BSc Thesis: Demin A., Hard-spectrum, long GRBs detected by Konus-Wind

MEMBERSHIP

- 2018–Present International Astronomical Union

SCIENCE COMMUNICATION

- Public Talks** 2017-present
- Speaker* *St.-Petersburg, Russia*
- Since the graduation, I have given several public talks per year.