

## CV — BOHDAN FESHCHENKO

Last update December 5, 2021

### PERSONAL DATA

**Name:** Bohdan Feshchenko  
**Date of Birth:** August 26, 1990  
**E-mail:** fb@imath.kiev.ua, bohdan.feshchenko@yahoo.com  
**Contacts:** Topology Laboratory (office 204),  
Algebra and Topology Department,  
Institute of Mathematics of NAS of Ukraine,  
Tereshchenkivs'ka str., 3, Kyiv, 01004, Ukraine  
**Phone:** (044) 235-78-19 (office)



### CURRENT RESEARCH INTERESTS

Geometric topology and low-dimensional manifolds.

### JOB EXPERIENCES

**2021, December — till now** Researcher, Topology Laboratory, Algebra and Topology Department, Institute of Mathematics of NAS of Ukraine

**2016, November — 2021, December** Junior researcher, Topology Laboratory, Algebra and Topology Department, Institute of Mathematics of NAS of Ukraine

### EDUCATION AND ACADEMIC DEGREES

**Ph.D.** (2013, November — 2016, November) at [Institute of Mathematics National Academy of Science of Ukraine](#), Kyiv, Ukraine. Thesis : “Deformations of smooth functions on 2-torus” (Thesis advisor: [Sergiy Maksymenko](#)). Date of thesis defense: June 6, 2017.

**M.Sc.** (2011, September — 2013, June) at [National Technical University of Ukraine “Kyiv Politechnical Institute”](#), Physics and Mathematics Faculty, Kyiv, Ukraine. Diploma with distinction (2013).

**B.Sc.** (2007, September — 2011, June) at [National Technical University of Ukraine “Kyiv Politechnical Institute”](#), Physics and Mathematics Faculty, Kyiv, Ukraine. Diploma with distinction (2011).

### AWARDS AND SCHOLARSHIP

- Yu. Mitropolskiy award of National Academy of Science of Ukraine for young scientists (in cooperation with Yu. Taistra) for a series of papers “Properties of smooth functions on closed surfaces and spinor fields on Riemannian spaces”, 2018.
- Scholarship of the President of Ukraine for Young Scientists, 2018 – 2020.

## PUBLICATIONS

I am the author of 8 papers. My list of publications is available [here](#). My preprints at [arXiv](#).

## ORGANIZATION ACTIVITIES

### General:

- Secretary of [Kyiv Mathematical Society](#) since 2018
- Member of [Young Scientists Council](#) at Institute of Mathematics of NAS of Ukraine since 2018
- Secretary of [Young Scientists Council of the Department of Mathematics of NAS of Ukraine](#), 2017–2021

### Conferences and schools:

- International Conference of Young Mathematicians (Kyiv, 2015, 2017, 2019, 2021), member of the Organizing Committee
- “Science Days” (“Дні науки”) at Institute of Mathematics of NAS of Ukraine (Kyiv, 2014, 2015, 2016), member of the Organizing Committee, head of the local Organizing Committee (2018)
- International Conference “Geometry and Topology in Odesa” (Odesa, 2016), member of the Organizing Committee
- XI Summer School “Algebra, Topology and Analysis” (Odesa, 2016), member of the Organizing Committee
- International Conference “Morse theory and its applications” dedicated to the memory and 70th anniversary of Volodymyr Sharko (25.09.1949-07.10.2014) (Kyiv, 2019), member of the Organizing Committee
- Winter Mathematical School (Kyiv, 2020), head of the Organizing Committee
- International scientific online conference “Algebraic and geometric methods of analysis” dedicate to the memory of Yuriy Trokhymchuk (17.03.1928-18.12.2019), member of the Organizing Committee

## CONFERENCES

- International Algebraic Conference dedicated to 100th anniversary of L. A. Kaluzhnin (Kyiv, 2014)
- IV International conference dedicated to 135th anniversary of Hans Hahn (Chernivtsi, 2014)
- XV International Conference n.a. Academician Mykhaylo Kravchuk (Kyiv, 2014)
- International Conference of Young Mathematicians (Kyiv, 2015)
- International Conference “Geometry and Topology in Odesa” (Odesa, 2016)
- XI Summer school “Algebra, Topology and Analysis” (Odesa, 2016)
- International Conference “Modern Advances in Geometry and Topology” in honor of professor A. A. Borisenko for his 70th birthday (Kharkiv, 2016)
- International Conference of young mathematicians (Kyiv, 2017)
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- International scientific online conference “Algebraic and geometric methods of analysis” (Odesa, 2020)
- International Conference of young mathematicians (Kyiv, 2021)
- International scientific online conference “Algebraic and geometric methods of analysis” dedicate to the memory of Yuriy Trokhymchuk (17.03.1928-18.12.2019) (Odesa, 2021)

- The conference of young scientists “Pidstryhach Readings — 2021” (Lviv, 2021)

#### TEACHING

- Linear Algebra, Fall 2019 at [Kyiv Academic University](#)
- Introduction to Differential Geometry, Spring – Fall 2020, Fall 2021 at [Kyiv Academic University](#)
- Calculus, Fall 2020 – Spring 2021 at Institute of Mathematics of NAS of Ukraine
- Introduction to Category Theory, Fall 2021 – Winter 2021 at [Kyiv Academic University](#)

#### OTHER ACTIVITIES

I also play the piano and drums.