SHORT CV

Tatiana Andreeva

Andreeva Tatiana Mikhailovna, Ph.D. (Physics and Mathematics), Associate Professor (Docent) at the Department of Mathematical Analysis and Geometry, Institute of Mathematics, Mechanics and Computer Sciences, Southern Federal University (SFedU), Russia; Junior Researcher at the Regional Mathematical Center of SFedU.

In 2014, she graduated with honors from the Mathematics Division of the Faculty of Mathematics and Mechanics of Southern Federal University with a Specialist degree in Mathematics, specializing in Mathematical Analysis under the supervision of Professor Alexander V. Abanin. In the same year, she completed a professional retraining program in mathematics teaching and entered the postgraduate program in Mathematics and Mechanics. In 2018, she successfully completed her postgraduate studies and began her academic career at Southern Federal University as an assistant. She subsequently progressed from assistant to associate professor and currently serves as an Associate Professor (Docent) at the Department of Mathematical Analysis and Geometry. In 2019, she defended her Ph.D. dissertation entitled "Duality between spaces of holomorphic functions of prescribed growth near the boundary and generalized Denjoy–Carleman classes and its applications" and obtained the degree of Candidate of Physics and Mathematics in Real, Complex and Functional Analysis.

Since 2021, she has also worked as a Junior Researcher at the Regional Mathematical Center of Southern Federal University. Her research interests include convolution operators, holomorphic functions, weighted spaces, entire functions, and Banach spaces, with particular emphasis on the surjectivity and injectivity of convolution operators and the structure of weighted spaces of holomorphic functions. Her research has been presented at international and national mathematical conferences and seminars.

Andreeva is actively involved in the organization of the mathematical research community at SFedU. She serves as Scientific Secretary of the international online Seminar on Analysis, Differential Equations and Mathematical Physics, coordinated by Prof. Alexey Karapetyants and Prof. Vladislav Kravchenko. The seminar brings together researchers from SFedU and international partner institutions and is conducted in English. She is also a member of the organizing committees of international mathematical conferences, seminars, and other OTHA events dedicated to modern methods and problems in harmonic analysis, operator theory, and applications. In addition, she serves as an Associate Editor of the Journal of Mathematical Sciences (Springer Nature). She has also contributed as a speaker to major mathematical events, including the conference "From Classical to Modern Analysis: In memory of Professor José Carlos Petronilho" in Spain in 2024, where she delivered a plenary lecture on the surjectivity and injectivity of convolution operators.

Her professional activity combines university teaching, mathematical research, and academic community building.