



Eduard Stefan Grigoriuc

Nationality: Romanian | **Gender:** Male | **Email address:** eduard.grigoriuc@ubbcluj.ro

WORK EXPERIENCE

RESEARCH ASSISTANT – TIBERIU POPOVICIU INSTITUTE OF NUMERICAL ANALYSIS, ROMANIAN ACADEMY –
09/2022 – Current – CLUJ-NAPOCA, ROMANIA

Website: www.ictp.acad.ro

ASSOCIATE ASSISTENT PROFESSOR – FACULTY OF MATHEMATICS AND COMPUTER SCIENCE, BABES-BOLYAI UNIVERSITY –
10/2020 – Current – CLUJ-NAPOCA, ROMANIA

Seminars taught: Mathematical Analysis, Numerical Analysis, Differential Equations

Labs taught: Numerical Analysis, Statistics

EDUCATION AND TRAINING

10/2020 – 06/2025 Cluj-Napoca, Romania

PHD IN MATHEMATICS Babes-Bolyai University, Faculty of Mathematics and Computer Science

Title of the thesis: Modern approaches in the theory of univalent mappings in $\mathbb{C}$ and $\mathbb{C}^n$

Scientific supervisors: Prof. dr. Gabriela Kohr & Prof. dr. Mirela Kohr

Website www.cs.ubbcluj.ro | **Level in EQF** EQF level 8

10/2018 – 07/2020 Cluj-Napoca, Romania

MASTER DEGREE IN ADVANCED MATHEMATICS Babes-Bolyai University, Faculty of Mathematics and Computer Science

Title of the thesis: Loewner chains and the Loewner differential equation on the unit disc in $\mathbb{C}$ and on the unit ball in $\mathbb{C}^n$

Scientific supervisor: Prof. dr. Gabriela Kohr

Website www.cs.ubbcluj.ro | **Level in EQF** EQF level 7

10/2015 – 07/2018 Cluj-Napoca, Romania

BACHELOR DEGREE IN MATHEMATICS Babes-Bolyai University, Faculty of Mathematics and Computer Science

Title of the thesis: Loewner differential equation on the unit disc in the complex plane

Scientific supervisor: Prof. dr. Gabriela Kohr

Website www.cs.ubbcluj.ro | **Level in EQF** EQF level 6

09/2011 – 06/2015 Siret, Romania

BACALAUREAT Latcu-Voda Technical College

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Matlab | Microsoft Office | LaTeX

CONFERENCES AND SEMINARS

National conferences/workshops

1. NA-NM-AT 2025 (as part of the Cluj Academic Days), "Tiberiu Popoviciu" Institute of Numerical Analysis, Romanian Academy, Cluj-Napoca (Romania), 3-6 November 2025 (online);
2. NA-NM-AT 2024 (as part of the Cluj Academic Days), "Tiberiu Popoviciu" Institute of Numerical Analysis, Romanian Academy, Cluj-Napoca (Romania), 4-7 November 2024 (online);
3. Sixth Romanian Itinerant Seminar on Mathematical Analysis and its Applications (RISMAA), Faculty of Mathematics and Computer Science, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 30-31 May 2024
4. Student Scientific Communications (Mathematics), Faculty of Mathematics and Computer Science, Department of Mathematics, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 25 May 2024;
5. NANMAT Workshop for Young PhD Students (NANMAT-WYPhDS-2023), "Tiberiu Popoviciu" Institute of Numerical Analysis, Romanian Academy, Cluj-Napoca (Romania), 25-26 November 2023;
6. NA-NM-AT 2022 (as part of the Cluj Academic Days), "Tiberiu Popoviciu" Institute of Numerical Analysis, Romanian Academy, Cluj-Napoca (Romania), 26-28 October 2022 (online);
7. Students' Scientific Communication Session, Faculty of Mathematics and Computer Science, Department of Mathematics, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 21 May 2022;
8. Fourth Romanian Itinerant Seminar on Mathematical Analysis and its Applications (RISMAA), Transilvania University, Braşov (Romania), 19 – 21 May 2022;
9. Workshop for Young Researchers in Mathematics – 11th Edition (hybrid), The Institute of Mathematics "Simion Stoilow" of the Romanian Academy, Bucharest (Romania), 19 – 20 May 2022;
10. Workshop for Young Researchers in Mathematics – 10th Edition, The Institute of Mathematics "Simion Stoilow" of the Romanian Academy, Bucharest (Romania), 20–21 May 2021 (online);
11. Conference of Doctoral Schools from the "Universitaria" Consortium (CSDCU-MIF2020), Third Edition, "Alexandru Ioan Cuza" Univeristy, Iaşi (Romania), 22–24 October 2020 (online);
12. Students' Scientific Communication Session, Faculty of Mathematics and Computer Science, Department of Mathematics, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 17 May 2019;
13. Students' Scientific Communication Session, Faculty of Mathematics and Computer Science, Department of Mathematics, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 25 May 2018;

International conferences/workshops:

1. 5th Edition of The Workshop dedicated to the memory of Professor Gabriela Kohr – "Geometric Function Theory in Several Complex Variables and Complex Banach Spaces", Faculty of Mathematics and Computer Science, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 28 – 30 November 2025;
2. International Conference on Analysis – The 16th Romanian-Finnish Seminar, "1 Decembrie 1918" University, Alba-Iulia (Romania), 24-27 June 2025.
3. 4th Edition of The Workshop dedicated to the memory of Professor Gabriela Kohr – "Geometric Function Theory in Several Complex Variables and Complex Banach Spaces", Faculty of Mathematics and Computer Science, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 29 November – 1 December 2024;
4. 3rd Edition of The Workshop dedicated to the memory of Professor Gabriela Kohr – "Geometric Function Theory in Several Complex Variables and Complex Banach Spaces", Faculty of Mathematics and Computer Science, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 1-3 December 2023;
5. 9th International Conference on Mathematics and Informatics, Sapientia Hungarian University of Transylvania (Department of Mathematics and Informatics), Târgu Mureş, Romania, 7-8 September 2023;
6. 2nd Edition of The Workshop dedicated to the memory of Professor Gabriela Kohr – "Geometric Function Theory in Several Complex Variables and Complex Banach Spaces", Faculty of Mathematics and Computer Science, "Babeş-Bolyai" University, Cluj-Napoca (Romania), 1-3 December 2022;
7. 14th Joint Conference on Mathematics and Computer Science (the 14th MaCS), "Babes-Bolyai" University, Cluj-Napoca (Romania), 24-27 November 2022;
8. International Students' Conference StudMath-IT, Faculty of Exact Science, "Aurel Vlaicu" University, Arad (Romania), 23-24 November 2022 (online);

9. Early Career Researchers in Mathematics (ECRM), Department of Mathematics, University College London, United Kingdom, 21 – 24 June 2022;
10. Workshop dedicated to the memory of Professor Gabriela Kohr – “Geometric Function Theory in Several Complex Variables and Complex Banach Spaces”, Faculty of Mathematics and Computer Science, “Babeş-Bolyai” University, Cluj-Napoca (Romania), 1-3 December 2021 (online participant);
11. International Students’ Conference StudMath-IT, Faculty of Exact Science, “Aurel Vlaicu” University, Arad (Romania), 18-19 November 2021 (online);
12. The 16th International Symposium on Geometric Function Theory and Applications (GFTA 2021) – Dedicated to the memory of Professor Gabriela Kohr, “Lucian Blaga” University, Sibiu (Romania), 15-18 October 2021 (online);
13. 8th International Conference on Mathematics and Informatics, Sapientia Hungarian University of Transylvania (Department of Mathematics and Informatics), Târgu Mureş, Romania, 9–10 September 2021 (online);
14. The 13th International ISAAC Congress, University of Ghent, Ghent (Belgium), 2-6 August 2021 (online participant);
15. The International Conference on Complex Analysis and Related Topics (dedicated to the 90-th anniversary of Anatolii Asirovich Goldberg, 1930-2008), Ivan Franko National University, Lviv (Ukraine), 28 June – 1 July 2021 (online);
16. 8th European Congress of Mathematics, Portorož (Slovenia), Talk in the Minisymposium: Current topics in Complex Analysis organized by Prof. Dr. Stanislaw Kanas, 20–26 June 2021 (online);
17. Young Researchers in Mathematics (10th Edition), University of Bristol, Bristol (United Kingdom), 7–9 June 2021 (online);
18. International Conference of Young Mathematicians, Institute of Mathematics of NAS of Ukraine, Kyiv (Ukraine), 3–5 June 2021 (online);
19. International Conference on Analysis and Its Applications (ICAA–NEPAL–2021), Kathmandu University, Kathmandu (Nepal), 9–11 April 2021 (online);
20. Joint meeting of the British Mathematical Colloquium and the British Applied Mathematics Colloquium (BMC-BAMC 2021), Glasgow (United Kingdom), 6–9 April 2021 (online participant);

Research seminars

1. Seminar of the Research Group in Complex Analysis “Prof. dr. Gabriela Kohr”, Faculty of Mathematics and Computer Science, Department of Mathematics, “Babes-Bolyai” University of Cluj-Napoca, Romania
 - 13 June 2025
 - 27 March 2025
 - 6 June 2024
 - 7 March 2024
 - 8 June 2023
 - 13 October 2022
 - 31 March 2022
 - 27 September 2021
 - 4 March 2021
 - 12 December 2019
2. Seminar of the Research Group in Numerical Analysis, “Tiberiu Popoviciu” Institute of Numerical Analysis, Romanian Academy, Cluj-Napoca, Romania
 - 1 April 2026
 - 9 April 2025
 - 28 February 2024
 - 3 May 2023
 - 22 March 2023
 - 14 December 2022
 - 9 November 2022

● DRIVING LICENCE

Driving Licence: AM

Driving Licence: B1

Driving Licence: B

● PUBLICATIONS

Scientific papers

1. **E.S. Grigoriuc**, *A conjecture related to convex functions on the unit disc: numerical approach and extension results*, J. Anal. (2026), to appear (**DOI**: 10.1007/s41478-026-01067-z)
2. **E.S. Grigoriuc**, *g-Loewner Chains and the Graham-Kohr Extension Operator in Complex Banach Spaces*, Comput. Methods Funct. Theory (2026), to appear (**DOI**: 10.1007/s40315-025-00581-8)
3. **E.S. Grigoriuc**, *Convex combinations of Graham-Kohr type extension operators*, Complex Anal. Oper. Theory, **20** (2026), Art. no. 90, 1-19

4. **E.S. Grigoriuc**, A. Malina, *A Stancu-Schurer type extension of higher order of the Cheney-Sharma operators*, Math. Slovaca **76** (1) (2026), 225-244
5. **E.S. Grigoriuc**, *New subclasses of univalent functions on the unit disc in C* , Stud. Univ. Babeş-Bolyai Math., **69** (2024) no. 4, pp. 769-787.
6. **E.S. Grigoriuc**, *A Stancu type extension of the Cheney-Sharma Chlodovsky operators*, J. Numer. Anal. Approx. Theory, **53** (2024) no. 1, 103-117.
7. **E.S. Grigoriuc**, *New subclasses of univalent mappings in several complex variables: extension operators and applications*, Comput. Methods Funct. Theory, **23** (2023) no. 3, 533-555.
8. **E.S. Grigoriuc**, *On some convex combinations of biholomorphic mappings in several complex variables*, Filomat, **36** (16) (2022), 5503-5519;
9. **E.S. Grigoriuc**, *Some general distortion results for $K(\alpha)$ and $S^*(\alpha)$* , Mathematica (Cluj), **64** (87) (2022) no. 2, 222-232.
10. **E.S. Grigoriuc**, *On some classes of holomorphic functions whose derivatives have positive real part*, Stud. Univ. Babeş-Bolyai Math., **66** (3) (2021), 479-490

Elementary mathematics

1. M.D. Apăscăriței, **E.S. Grigoriuc**, *The prey-predator model hidden in a problem of elementary geometry*, Didactica Mathematica, **43** (2026), pp. 1-10
2. **E.S. Grigoriuc**, *Abordare sistematică prin intermediul sistemelor de ecuații liniare a unor probleme de ciclu primar*, Didactica Mathematica, **38** (2020), pp. 45-53.

HONOURS AND AWARDS

2024

Diploma "Merit Cultural" pentru rezultate de debut in Teoria Aproximarii – Academia Romana, Filiala Cluj-Napoca

2022

Scientific Achivement Award, International Students' Conference StudMath-IT – Aurel Vlaicu University of Arad

2022

Student Doctorand Excellentia, The IX-th Edition of Excellentia Awards – Babeş-Bolyai University, Cluj-Napoca

2021

Scientific Achivement Award, International Students' Conference StudMath-IT – Aurel Vlaicu University of Arad

Data

13.05.2026

Nume, prenume și semnătură

GRIGORICIUC EDUARD ȘTEFAN