INFORMATII PERSONALE

ILEA VERONICA-ANA



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EDUCAŢIE ŞI FORMARE

Instituţia	*Studii liceale*	*Studii universitare*	*Studii masterale*	*Studii doctorale*
	Colegiul „Ghe. Lazar” Sibiu	Fac. Matem. si St. Calc., Univ. „Lucian-Blaga” Sibiu	Univ. „Babes-Bolyai” Cluj-Napoca	Univ. „Babes-Bolyai” Cluj-Napoca
Perioada	Sept. 1991 – Aug.1995	Oct.1995 – Aug.1999	Oct. 1999 – Iunie 2000	Oct. 2000 – Febr. 2005
Grade/diplome obţinute	Certificat: programator junior	Licentiat in matematica si stiinta calcultoarelor	Titlul tezei de master: *„Ecuatii functional diferentiale cu argument modificat”*, Coordonator: Prof. dr. Ioan A. Rus	Titlul tezei de doctorat: *„Ecuatii functional diferentiale cu modificare mixta a argumentului*”, Coordonator: Prof. dr. Ioan A. Rus

Titlul ştiinţific: ***Doctor în matematică***

EXPERIENTA PROFESIONALA

Iunie 2025??? - ….. Responsabil practica FMI, in cadrul proiectului INTEGRA, cod 302242

Aprilie 2019 - Septembrie 2021 Expert - cadru didactic supervizor Facultatea de Matematica si Informatica
Proiect POCU 109172, “Îmbunătățirea potențialului de absorbție pe piața muncii a studenților prin stagii de practică de calitate”

Februarie 2009-Prezent **Lector universitar**
Universitatea ‘Babes-Bolyai’ din Cluj-Napoca, Str. Kogalniceanu, Nr.1, Cluj-Napoca, Cluj
- Activitati de predare si de cercetare

Februarie 2003-Februarie 2009 **Asistent universitar**
Universitatea ‘Babes-Bolyai’ din Cluj-Napoca, Str. Kogalniceanu, Nr.1, Cluj-Napoca, Cluj
- Activitati de predare si de cercetare

Octombrie 2000-Octombrie 2003 **Doctorand cu frecventa**
Universitatea ‘Babes-Bolyai’ din Cluj-Napoca, Str. Kogalniceanu, Nr.1, Cluj-Napoca, Cluj
- Activitati de predare si de cercetare

Octombrie 1999-Octombrie 2000 **Asistent universitar**
Universitatea “Lucian Blaga”, Facultatea de Stiinte, Sibiu, Romania
- Activitati de predare si de cercetare

APTITUDINI PERSONALE

Limba materna: Romana

Alte limbi cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Intelege	Citeste	Vorbire libera	Reproducere libera	
Engleza	C1	C1	B2	C1	C1
Franceza	B1	B1	B2	B2	B1

Aptitudini de comunicare
- bine

Limbaje cunoscute
- WINDOWS, MICROSOFT OFFICE, MAPLE, LATEX, MATLAB, SCIENTIFIC WORD, GEOGEBRA, MICROSOFT MATHEMATICS

Tip carnet
- B

INFORMATII SUPLIMENTARE

Publicatii
- A se vedea anexele

Activitati editoriale
- Assistant Managing Editor la „Fixed Point Theory”
- Referent la diferite reviste internationale

Membru in granturi de cercetare si proiecte institutonale
- Membru: SSMR.
- Grant CNCSIS, Tip A, Cod 345 (2004-2006), „Operatori neliniari si ecuatii diferentiale”, director prof . univ. Dr. Radu Precup
- Grant CNCSIS, Tip A, Cod 187 (2005-2007), „Sisteme dinamice si aplicatii”, director prof.univ.dr. Adrian Petrusel
- Grant of the Romanian National Authority for Scientific Research, CNCS UEFISCDI, project number PN-II-ID-PCE-2011-3-0094, 2011-2016, director prof . univ. Dr. Radu Precup
- Grant pentru dezvoltarea revistei Fixed Point Theory, 2016, director proiect Petrusel Adrian, Proiect institutional-categorie National, in cadrul Programului de sustinere a cercetarii-competitivitatii-excelentei
- 2 Grant-uri pentru sustinerea competitivitatii, 2020, director proiect Ilea Veronica Ana, Proiect institutional-categorie National, in cadrul Programului de sustinere a cercetarii-competitivitatii-excelentei
- Proiect cu titlul „Imbunatatirea potentialului de absorbtie pe piata muncii a studentilor prin stagii de practica de calitate”, 2018, director proiect Cojocar Grigoreta Sofia, Proiect institutional-categorie Fonduri structurale, in cadrul Programului de Stagii de practica
- 3 Grant-uri pentru sustinerea competitivitatii, 2021, director proiect Ilea Veronica Ana, Proiect institutional-categorie National, in cadrul Programului de sustinere a cercetarii-competitivitatii-excelentei
- Proiect POCU 109172, “Îmbunătățirea potențialului de absorbție pe piața muncii a studenților prin stagii de practică de calitate”

ANEXE

Lista Publicatiilor, Conferinte

Publicatii

I. Articole

A. Artcole in reviste ISI

1. Ilea Veronica Ana, *Wheeler-Feynman problem on compact interval*, Mathematical Reviews, Zentralblatt MATH, Studia Univ " Babes-Bolyai" Mathematica, 2002, P. 43-46
2. Ilea Veronica Ana, *Mixed functional differential equation with parameter*, Mathematical Reviews, Zentralblatt MATH, , Studia Univ "Babes-Bolyai" Mathematica, 2005, P. 29-41
3. Rus A. Ioan, Ilea Veronica Ana, *First order functional-differential equations with both advanced and retarded arguments*, MR, ZBL, www.ams.org/mathscinet, www.zentralblatt-math.org/zmath/en/, Fixed Point Theory, 2004, P. 103-115
4. Ilea Veronica Ana, *Note on the existence of the solution for functional differential equations of mixed type*, MR, www.ams.org/mathscinet, Studia Univ. "Babes-Bolyai", Math., 2007, P. 51-55
5. Buica Florina Adriana, Ilea Veronica Ana, *Periodic solutions for functional-differential equations of mixed type*, Science_Citation_Expended, JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, 330, 2007, P. 576 – 583, DOI:10.1016/j.jmaa.2006.08.009, WOS:000247015800042, ISSN: 0022-247X
6. V.A. Ilea, D. Otrocol, *On a D.V. Ionescu's problem for functional-differential equations*, Fixed Point Theory 10 (2009), no. 1, 125-140 .
7. D. Otrocol, V. Ilea C. Revnic, *An iterative method for a functional-differential equation with mixed type argument*, Fixed Point Theory, vol. 11 (2010) no. 2, 327-336 .
8. V. Ilea, D. Otrocol, *Integro-differential equation with two times modifications*, Carpathian Journal of Math. 27 (2011), no. 2, pp.209-216 Online version available at http://carpathian.ubm.ro, Print Edition: ISSN 1584 - 2851 Online Edition: ISSN 1843 – 4401
9. V.A. Ilea, D. Otrocol, *On a D.V. Ionescu's problem for functional-differential equations of second order*, Proceedings of the 10th IC-FPTA, 131 – 142, July 9-18, 2012, Cluj-Napoca, Romania.
10. V. Ilea, D. Otrocol, M.-A. Şerban, D. Trif, *Integro-differential equation with two time lags*, Fixed Point Theory, 13 (2012), no. 1, pp. 85-97 . *IF 0.95; http://www.mth.ubbcluj.ro/~nodeacj/vol_13(2012)_no1.php.*
11. D. Otrocol, V.A. Ilea, C. Revnic, *An iterative method for a functional-differential equation of second order with mixed type argument*, Fixed Point Theory, 14 (2013), no.2, 427-434.
12. D. Otrocol, V.A. Ilea, *Ulam stability for a delay differential equation*, Central European Journal of Mathematics, 11 (2013) no. 7, 1296-1303, WOS:000318278400010, ISSN: 1895-1074, e-ISSN: 1644-3616, 1895-1074, (Aceasta revista si-a modificat titlul cu Open Mathematics, ISSN 2391-5455 (http://miar.ub.edu/issn/2391-5455))
13. D. Otrocol, V.A. Ilea, *Qualitative properties of functional differential equation*, Electron. J. Qual. Theory Differ. Equ., 2014, No. 47, 1-8, WOS:000347534200001, ISSN: 1417-3875.
14. Monica-Felicia Bota, Veronica Ilea, Fixed Point Theorems for Nonself Operators in b-Metric Spaces, *Fixed Point Theory, 16(2015), No. 2, 225-232, http://www.math.ubbcluj.ro/*
15. D. Otrocol, V. Ilea, C. Revnic, *Addendum to the paper "an iterative method for a functional-differential equation of second order with mixed type argument", Fixed Point Theory, 14(2013) no. 2, 427-434*, Fixed Point Theory, 16 (2015) no. 1, pp. 191-192.
16. Veronica-Ana Ilea, The study of a boundary value problem with a parameter for a system with advanced and retarded argument, *Fixed Point Theory, 17(2016), No 2, pp.,* http://www.math.ubbcluj.ro/_nodeacj/sfptcj.htm
17. Bota Monica-Felicia, Ilea Veronica-Ana, Petrusel Adrian-Olimpiu, Krasnoselskii's theorem in generalized b-Banach spaces and applications, Volum 18,no 4, pp 575 - 587, 2017, ISSN: 1345-4773
18. V.A. Ilea, D. Otrocol, *An application of the Picard operator technique to functional integral equations*, J. Nonlinear Convex Anal., 18 (2017) no. 3, pp. 405-413. WOS:000402492300005, ISSN: 1345-4773
19. V. Ilea, D. Otrocol, *Some properties of solutions to a planar system of nonlinear differential equations*, Studia Univ. Babes-Bolyai Math., 63 (2018) no. 2, pp. 225-234, DOI 10.24193/subbmath.2018.2.06, wos:000436236900006, ISSN: 0252-1938, e-

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20. V. Ilea, D. Otrocol, *On the Burton method of progressive contractions for Volterra integral equations*, Fixed Point Theory, 21 (2020) no. 2, 585-594, WOS:000560416800014, ISSN: 1583-5022, e-ISSN: 2066-9208.
21. V. Ilea, D. Otrocol, *Existence and uniqueness of the solution for an integral equation with supremum, via w-distances*, Symmetry-Basel, 2020, 12, 1554, https://doi.org/10.3390/sym12091554, e-ISSN: 2073-8994
22. V. Ilea, A. Novac, D. Otrocol, R. Precup, *Solutions with a prescribed interval of positivity for differential systems with nonlocal conditions*, Appl. Math. Comput., 375 (2020/6/15), doi: 10.1016/j.amc.2020.125092, ISSN: 0096-3003, e-ISSN: 1873-5649
23. V. Ilea, D. Otrocol, *Functional differential equations with maxima, via step by step contraction principle,* Carpathian J. Math., 37 (2021) no. 2, pp. 195-202, DOI: 10.37193/CJM.2021.02.05, ISSN: 1584-2851, eISSN:1843-4401, WOS:000662029600005.
24. V. Ilea, D. Otrocol, On a Volterra Integral Equation with Delay, via w-Distances, *Mathematics* 2021, *9*(18), art no. 2341; https://doi.org/10.3390/math9182341, DOI: 10.3390/math9182341, WOS:000700494100001, eISSN: 2227-7390
25. V.A. Ilea, D. Otrocol, I.A. Rus, M.A. Şerban, Applications of fibre contraction principle to some classes of functional integral equations. *Fixed Point Theory* 23 (2022), no. 1, 279–291, doi: 10.24193/fpt-ro.2022.1.18, ISSN: 1583-5022, eISSN: 2066-9208, WOS:000751740400018.
26. V.A. Ilea, A. Novac, D. Otrocol, R.Precup, *Nonlinear Alternatives of Hybrid Type for Nonself Vector-Valued Maps and Applications*, Fixed Point Theory 24 (2023), no. 1, 221-232, doi: 10.24193/fpt-ro.2023.1.11, WOS: 000945082000011, ISSN: 1583-5022, eISSN: 2066-9208, IDS Number: 9Q60U.
27. V.A. Ilea, D. Otrocol, *Integral Equation with Maxima via Fibre Contraction Principle,* Fixed Point Theory 25 (2024), no. 2, 601-610, doi: 10.24193/fpt-ro.2024.2.10, ISSN: 1583-5022, eISSN: 2066-9208, WOS:001283553000008.
28. V.A. Ilea, A. Novac, D. Otrocol, *Fixed Point Results for Non-Self Operators on R^+_m-metric spaces*, Fixed Point Theory 26 (2025), no. 1, 177-188, doi: 10.24193/fpt-ro.2025.1.10, ISSN: 1583-5022, eISSN: 2066-9208, WOS:001567994400002.
29. V.A. Ilea, A. Novac, D. Otrocol, *Fixed Point Results for Weakly Picard Non-Self Operators on R^+_m-metric spaces*, Fixed Point Theory 26 (2025), no. 2, 553-562, doi: 10.24193/fpt-ro.2025.2.13, ISSN: 1583-5022, eISSN: 2066-9208, WOS:001493780800011.

B. Articole in reviste BDI

1. Ilea Veronica Ana, *Data dependence for functional differential equations of mixed type*, Mathematical Reviews, Zentralblatt MATH, Mathematica, Cluj-Napoca, 2004, P. 61-66
2. Serban Marcel Adrian, Ilea Veronica Ana, *An existence result for mixed-type functional integro-differential equation* , Mathematical Reviews , www.ams.org/mathscinet, Automation Computers Applied Mathematics, 2006, P. 7-12
3. Ilea Veronica Ana, Serban Marcel Adrian, *An existence result of the solution for mixed type functional differential equation with parameter*, MR, www.ams.org/mathscinet, Nonlinear Analysis Forum Journal, 2007, P. 59-65
4. V.A. Ilea, D. Otrocol, *Some properties of solutions of a functional-differential equation of second order with delay*, The Scientific World Journal, Volume 2014 (2014), Article ID 878395, 8 pages, 2014. doi:10.1155/2014/878395, WOS:000331750200001, ISSN: 1537-744X
5. Monica-Felicia Bota, Veronica Ana Ilea, Erdal Karapinar and Oana Mlesnite, On α∗-ψ-Contractive Multi-Valued Operators in b-Metric Spaces and Applications, Appl. Math. Inf. Sci. 9, No. 5, 2611-2620 (2015) http://www.naturalspublishing.com/files/published/fpvi5999bg8r17.pdf, ISSN: 1935-0090, e-ISSN:2325-0399
6. V. Ilea, D. Otrocol, I. A. Rus, *Some properties of solutions of the homogeneous nonlinear second order differential equations*, Mathematica, 57 (80) (2015), no 1-2, pp. 38-43
7. D. Otrocol, V. Ilea, *On the qualitative properties of functional integral equations with abstract Volterra operators*, Res. Fixed Point Theory Appl., vol. 2018 (2018), Article ID 201813, 08 pp.

II. Conferinte

1. International Workshop on Differential Geometry, Septembrie 1997, Sibiu, Romania
2. Seminarul Itinerant Tiberiu Popoviciu de Ecuaţii Funcţionale, Aproximare si Convexitate, 22-26 Mai 2001, Cluj-Napoca, Romania, title of communication: ” Some existence results for differential equations of mixed type”

3. ICNODEA 2001, International Conference on Nonlinear Operators, Differential Equations and Applications, Cluj-Napoca, Romania, 12-15 September 2001, title of the poster: “Wheeler-Feynman problem on compact interval", Studia Univ “Babes-Bolyai”
4. ICNODEA 2004, International Conference on Nonlinear Operators, Differential Equations and Applications, Cluj-Napoca, Romania, 24-27 August 2004, title of the communication “Mixed functional differential equation with parameter”
5. The 10-th International conference on Applied Mathematics, Computer Science and Mechanics, Cluj-Napoca/Baisoara, “Theodor Angheluta Seminar”, 31 May – 1 June 2006, title of the comunication : “An existence result for mixed-type functional integro-differential equation” (acam 2006)
6. MACS6, 6th Joint Conference of Mathematics and Computer Sciences, 12-15 July 2006, Pecs, Hungary, title of the communication: ” Some functional differential equations with both retarded and advanced arguments”
7. ICNODEA 2007, International Conference on Nonlinear Operators, Differential Equations and Application, Cluj-Napoca, Romania, 4-7 July 2007, title of poster: “Periodic solutions for functional-differential equations of mixed type”
8. International Symposiom, 20 Years of Mathematics in the Lucian Blaga University, Sibiu, 14-15 mai, 2010, Diana Otrocol, Veronica Ilea, Cornelia Revnic, *An iterative method for a functional differential equation with mixed type argument*,
9. 13th International Symposium on Symbolic and Numerical Algorithms for Scientific Computing, sept 26-29, 2011, Timisoara, Romania, SYNASC 2011, Veronica Ilea, Diana Otrocol, Marcel Serban, Damain Trif, *Step method for some integral equations*,
10. ICNODEA, 5-8 july, 2011, Cluj-Napoca, Diana Otrocol, Veronica Ilea, *An iterative method for a functional differential equation of second order with mixed type argument*,
11. The 10-th IC-FPTA, July 9-15, 2012, Cluj-Napoca, Veronica Ana Ilea, Diana Otrocol, *On a DV Ionescu's problem for functional-differential equations of second order*, poster
12. Theodor Angheluta Seminar, Cluj-Napoca, August 29-31, 2013, Veronica Ilea, Diana Otrocol, *On a functional-integral equation, via Picard operatorsTechnique*,
13. International Conference of Applied Mathematics, Baia Mare, September 25-28, 2013, Diana Otrocol and Veronica Ana Ilea, *Qualitative properties of functional differential systems*,
14. 9th International Conference on Applied Mathematics, Baia-Mare, September 25-28, 2013, Bota Monica-Felicia, Ilea Veronica, Erdal Karapinar, Oana Mlesnite, *Fixed point theory for alpha-psi contractive mappings in b-metric spaces*.
15. Bota Monica-Felicia, Ilea Veronica,1st International Conference on Mathematics and Computer Science, Brasov, June 26-28, 2014, *Fixed point theorems for for nonself operators in b-metric spaces*.
16. ICNODEA 2015, International Conference on Nonlinear Operators, Differential Equations and Application, Cluj-Napoca, Romania, 16 July 2015, Veronica-Ana Ilea, *The study of a boundary value problem with a parameter for a system with advanced and retarded argument, comunicare*
17. Miskolc 2015, Monica-Felicia Bota, Veronica Ilea, Marius Bota, Marcel-Adrian Serban, *About a Differential equation Arising from Economics*, comunicare
18. Diana Otrocol, Veronica Ana Ilea , Function Spaces, Differential Operators and Nonlinear Analysis, FSDONA 2016 Prague (Czech Republic), 4-9 July, 2016, On the qualitative properties of functional integral equations with abstract Volterra operators, comunicare
19. Veronica Ana Ilea, Diana Otrocol, "11th Joint Conference on Mathematics and Computer Science", 20th to the 22nd of May, 2016, in Eger, Hungary, PROPERTIES OF FUNCTIONAL DIFFERENTIAL EQUATION IN BANACH SPACES, comunicare

20. Monica Bota, Veronica Ilea, “The 2nd International Conference on Mathematics and Computer Science (MACOS 2016)”, Brasov, Romania, 8-10 Sept 2016, comunicare
21. Diana Otrocol, Veronica Ilea, “8th European Congress of Mathematics, Approximation Theory and Applications”, Portoroz, Slovenia, 20-26 Iunie 2021 (titlul: Functional differential eq with maxima, via step by step contraction principle)
22. Veronica Ana Ilea, Adela Novac, Diana Otrocol, Sixth Romanian Itinerant Seminar on Mathematical Analysis and its Applications (RISMAA 2024), titlul comunicarii: *Fixed Point Results for Non-Self Operators on vector valued metric spaces,* comunicare
23. Monica Bota, Veronica Ana Ilea, **The First** Balkan Workshop on Fixed Point Theory and Applications Babeș-Bolyai University Cluj-Napoca, Romania June 12-14, 2025, titlul comunicarii: *Fixed point results for non-self operators on generalized b-Banach spaces*

3.Carti

1. Ilea Veronica-Ana, Ecuatii cu modificare mixta a argumentului, Ro, Presa Universitara Clujana, 2005.
2. Agratini**, O.,** Șerban, A. M., Ilea, V., *Teme pentru perfecționarea profesorilor. Matematică aplicată*, Vol. 5, Casa Cartii de Știinta, 2017, pp. 326. ISBN: 978-606-17-1129-1

02.10.2025

Nume, prenume, semnatura

Ilea Veronica-Ana