CHRONICLE

1. The Ph.D. students of the Differential Equations Chair are as follows (the admission year and the title of the dissertation)

A. Supervisor: Prof. Dr. Ioan A. Rus

1995 Alexandru Tămăşan: Dynamics in the theory of differential equations with deviating argument

Eduard Kirr: Topological methods in the theory of impulsive differential equations

Aurel Muntean: Fixed point principles and applications to mathematical economies

1996 Klara Tünde Baranyai (Galambos): Asymptotic fixed point theorems

Edith Miklos: Fixed point structures on Banach spaces

Claudia Chira (Bacoţiu): Picard operators and applications

1997 Alina Sîntămărian: Contributions to the study of the fixed point structures for multivalued operators

Cristian Ioan Chifu: Contributions to the calitative theory of partial differential equations

Erika Gulya: Boundary value problems for partial differential equations with deviating argument

1999 Alexandru Mihai Bica: Mathematical models in biology governed by differential equations

Mihaela Mioara Minea: Integral inequalities and applications

Szilard Andras: Contributions to the study of some integral equations from applied mathematics

1999 Vasile Răzvan Gabor: Second order differential equations with mixed modification of arguments

2000 Ana Veronica Dârzu: Differential equations with mixed modification of the argument

Alina Alexandrina Tarţea: Differential equation with deviating argument that arise in mathematical economies

2001 Ioan Marin Olaru: Data dependence problems for differential equations with modified argument

Cecilia Crăciun: Semilinear elliptic systems via weakly Picard operators

Gyusi Szep: On some difference equations from applied mathematics

B. Supervisor: Prof. Dr. Gheorghe Micula

1993 Corina Suciu: Numerical treatment of some classes of differential equations by spline functions

1994 Adrian Mureşan: Numerical methods for boundary value problems regarding to some partial differential equations

Dănuţ Ţura: Numerical methods for bilocale problems

Daniela Răchiţan: Numerical methods for Fredholm integral equations by spline functions

1995 Vasile Aurel Căuş: Approximative solutions for differential equations with deviating argument by spline functions

Vasile Căruţaşu: Some contributions to the numerical treatment of integral equations

1997 Adela Pop: Contributions to the numerical treatment of the Burger equations by spline functions

Daniel Popa: Some contributions to the numerical study of dynamical systems

Mihaela Puşcaş-Mîrza: Spline functions of several variables and applications to numerical solutions for partial differential equations

1998 Adrian Pop: Numerical solutions for Voterra integral equations

Cosmina-Delia Teleagă: Finite element methods for elliptic partial differential equations

1999 Marcel Stan: Generalized spline functions and applications

2000 Monica Revnic: Approximation spline functions for the solutions of some differential equations

Tania Angelica Lazăr: Finite element method with subspaces of spline functions

2001 Magnolia Rebeles: Optimal approximation for linear functionals using spline interpolation

Zsolt Molnar: Finite element method via subspaces of spline functions

Liana Seremi: Approximation methods for solutions of differential equations by spline functions

C. Supervisor: Prof. Dr. Radu Precup

2000 Vasile Lucian Lazăr: Continuation methods for functional-differential equations

Andrei Horvat-Marc: Research on the localization of the solutions for nonlinear operator equations

2001 Vasile Dincuţă: Continuation methods for the study of periodic solutions to nonlinear functional differential equations

Adela Carmen Chiş: Homotopy methods for nonlinear operator equations

2. The Master's degree students in the speciality: **Nonlinear Operators and Differential Equations** are the following:

<u>1996-1997</u>
1. Chifu Cristian
2. Gulya Erika
3. Moldovan Iuliana
4. Paşca Ioana
5. Poliac Adela
6. Popa Daniel
7. Sîntămărian Alina
8. Stoian Cristina
9. Ştefănescu Flavia
10. Vaida Camelia

<u>1997-1998</u>
1. Andras Szilard
2. Bărăbant Petru
3. Fuer Erzsebet
4. Gocea Cristina
5. Manta Radu
6. Pálfi Josef
7. Pop Adrian
8. Popovici Angela
9. Săplăcan Alina Maria
10. Sferlea Delia

<u>1998-1999</u>
1. Bencze Eva Erika
2. Candale Silviu Titus
3. Gabor Vasile Răzvan
4. Horvat Andrei
5. Manisor Constanţa
6. Muzsi Dezideriu
7. Kiss Istvan Zoltan
8. Secară Daniel Gabriel
9. Teglas Ildiko Elena

<u>1999-2000</u>
1. Budişan Sorin Monel
2. Darzu Veronica Ana
3. Iuşan Carmen Ramona
4. Lazăr Tania Angelica
5. Lazăr Vasile Lucian
6. Lendek Reka
7. Marian Iulian Vasile
8. Mezei Eduard
9. Revnic Monica
10. Tarta Alexandrina Alina
11. Vitus Andrea

<u>2000-2001</u>
1. Crăciun Cecilia
2. Dincuţa Vasile
3. Mate Zoltan
4. Molnar Zsolt
5. Sîncelean Anca
6. Szép Gyusi
7. Szilagyi Melinda

<u>2001-2002</u>
1. Rus Mircea Dan
2. Ţîra Otilia
3. Stanca Camelia
4. Pastor Daniela
5. Verestoi Timea
6. Gabor Alin
7. Măierean Ana
8. Bora Camelia
9. Nicula Mircea