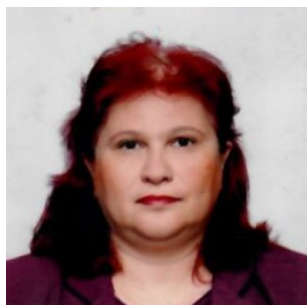


ЛИЧНА ИНФОРМАЦИЯ

Анжела Славова



 Държава, град, пощенски код, улица/квартал, номер, вход

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Пол женски | Дата на раждане 14/10/1963 | Националност Българска

ТРУДОВ СТАЖ 34 г.

Въведете дати (от - до)
2008-2012

Въведете заемана длъжност или позиция

Ръководител секция „Математическа Физика“-ИМИ-БАН

2012-

Ръководител секция „Диференциални уравнения и математическа физика-ИМИ-БАН

2007-

Професор, Институт по Математика и Информатика – БАН

2000-2007

Доцент, Институт по Математика и Информатика -БАН

1995-1998

Гл.асистент, Минно Геоложки Университет

1992-1995

Гл. асистент, Русенски Университет

1992-1993

Стипендия Фулбрайт- Флорида Институт по Технологии, САЩ

1986-1992

Асистент, Русенски Университет

ОБРАЗОВАНИЕ И ОБУЧЕНИЕ

Въведете дати (от - до)

Въведете придобита квалификация

Въведете ниво от
ЕКР, ако е
приложимо

2005

Дмн , ИМИ-БАН

1995

Д-р, РУ

- Въведете списък с основните предмети или придобити професионални умения

Компютърни науки, Математика, Клетъчно Невронни Мрежи

ЛИЧНИ УМЕНИЯ И КОМПЕТЕНЦИИ

музикаMy

Майчин език Български

Други езици

	РАЗБИРАНЕ		ГОВОРЕНЕ		ПИСАНЕ
	Слушане	Четене	Участие в разговор	Самостоятелно устно изложение	
Английски	C1	C1	C1	C1	C1
	TOEFL, GRE				
Руски	C1	C1	B1	B1	C1
	Въведете име на езиковия сертификат и ниво, ако е приложимо.				
Италиански	B1	B1	B1	B1	B1
	Въведете име на езиковия сертификат и ниво, ако е приложимо.				

Комуникационни умения и компетенции

Опишете Вашите комуникационни умения. Посочете в какъв контекст за придобити, напр.:
 ▪ добри комуникационни умения, придобити по време на работата ми като ръководител на екип

Организационни умения и компетенции

Опишете Вашите организационни умения. Посочете в какъв контекст за придобити, напр.:
 ▪ лидерство (в момента съм отговорен за екип от 20 души)

Професионални умения и компетенции

Опишете Вашите професионални умения, които не са описани по-горе. Посочете в какъв контекст за придобити, напр.:
 ▪ добра работа в процеси по контролиране на качеството (в момента съм ръководител на секция към ИМИ-БАН Диференциални Уравнения и Математическа Физика

Компютърни умения и компетенции

Опишете Вашите компютърни умения. Посочете в какъв контекст за придобити, напр.:
 ▪ добра работа с инструментите на Microsoft Office™, LATEX

Други умения и компетенции

- музика
- рисуване

Свидетелство за управление на МПС

- В

ДОПЪЛНИТЕЛНА ИНФОРМАЦИЯ

Публикации
Презентации
Проекти
Конференции
Семинари
Отличия и награди
Членства
Връзки

Опишете приложими публикации, презентации, проекти, конференции, семинари, отличия и награди, членства, връзки. Премахнете неприложимите полета в лявата колона.

Виж приложенията по-долу

ПРИЛОЖЕНИЯ

Въведете списък на приложенията към Вашата автобиография. Например:

- Публикации, конференции, отличия, членства и изследвания.

Публикации:**Монографии:**

1. Slavova, A., Cellular Neural Networks: Dynamics and Modelling, Kluwer Academic Publisher, 2003.
2. Popivanov, P., Slavova, A., Nonlinear waves. Introduction. World Scientific, Singapore, 2011.
3. Slavova A., P. Zecca. Modeling Natural Phenomena via Cellular Nonlinear Networks. Cambridge Scholars Publishing, 2017, ISBN:978-1-5275-0365-6.
4. Popivanov, P., Slavova, A., Nonlinear Waves. Geometrical Approach, World Scientific, Singapore, 2018.

Глави от книги:

1. M.Markova, A.Slavova, P.Zecca, Wave propagation of Cellular Neural Network model of tsunamis, in “Recent advances in dynamics and control of neural networks”, Cambridge Scientific Publishers, 2011
2. G. Agranovich, E. Litsyn, A. Slavova, Chaotic Systems and their Applications in Industry, in “Mathematics in Industry”, Cambridge Academic Publishers, 2015
3. R. Agliardi, P.Popivanov, A. Slavova, On some boundary-value problems for second order PDEs arising in Finance, in “Risk Management”, InTechOpen, 2015
4. A.Slavova, R.Tetzlaff, Mathematical Analysis of Memristor CNN, InTechOpen, DOI: 10.5772/intechopen.86446, 2019 in “Memristors - Circuits and Applications of Memristor Devices”, Edited by Prof. Alex James, ISBN: 978-1-78984-074-2 Print ISBN: 978-1-78984-073-5

Редактор:

1. A.Slavova, Guest Editor, Pliska Studia Mathematica, vol.23, 2014, ISSN 0204-9805
2. A. Slavova, Mathematics in Industry, Cambridge Scientific Publishers, 2015, ISBN 9781443883245
3. A.Slavova, Guest Editor, Pliska Studia Mathematica, vol.25, 2015, ISSN 0204-9805
4. A.Slavova, Guest Editor, Pliska Studia Mathematica, vol.26, 2016, ISSN 0204-9805
5. A.Slavova, Guest Editor, Pliska Studia Mathematica, vol.29, 2018, ISSN 0204-9805
6. A.Slavova, Guest Editor, Pliska Studia Mathematica, vol.30, 2019, ISSN 0204-9805

7. A. Slavova, Editor, AIP Conference Proceedings, vol.2159, 2019, ISBN: 978-0-7354-1904-9

Статии: Над 100 статии в реферирани списания.

Избрани статии в реферирани списания, с IF и SJR:

1. Slavova A., Applications of some mathematical methods in the analysis of Cellular Neural Networks, J. on Comput. Appl. Math., 114, 2000, pp.387-404
2. Slavova A., Stability analysis of cellular neural networks with nonlinear dynamics, Nonlinear Analysis-TMA, Series B, 2, 2001, 93-103
3. Slavova A., CNN model for hyperbolic equations with hysteresis, IEEE Proc. CNNA2000, Italy, 2000, pp. 259-264
4. Popivanov P., Slavova A., CNN model for nonlinear waves in medium with exponential memory, Lecture Notes in Computer Sciences 1988, Springer, pp. 685-691, 2001
5. A.Slavova, P.Zecca, CNN model for studying dynamics and travelling wave solutions of FitzHugh-Nagumo equation, Journ. of Comp. and Appl. Math.,151, 2003, pp. 13-24
6. A.Slavova, On PDE based CNN Models with Memory, IEEE Proc. CNNA2004,Budapest, 2004, pp. 387-392
7. R.Cancelliere, A.Slavova, Dynamics and stability of generalized Cellular Neural Network model, Applied Mathematics and Computation 165, 2005,pp.127-136
8. A. Slavova, Dynamics and travelling waves in CNN vector-disease model, IEEE Trans. CAS-II, vol. 53, No 11, pp. 1304-1307, 2006
9. A.Slavova, M.Markova, Receptor-based CNN model with hysteresis for pattern formation, IEEE Proc. CNNA2006, Istanbul, 2006, pp. 241-244
10. A.Slavova, P.Zecca, Complex behaviour of polynomial FitzHugh-Nagumo CNN model, Nonlinear Analysis-Real World Applications, 8 (4), pp. 1331-1340, 2007,
11. P.Popivanov, A.Slavova, P.Zecca, Periodic solutions of the Burgers-Hopf equation with small parameter and its Cellular Neural Network model,Medit.Journal of Math., 5 (2008), 1-19.
12. P.Popivanov, A.Slavova, P.Zecca, Compact travelling waves and peakon type solutions of several equations of Mathematical Physics and their Cellular Neural Network realization, Nonlinear Analysis: Real World Applications, 5 (2008), 1-19.
- 13.Slavova A., Cellular Neural Networks Model of Risk Management, Proc. IEEE CNNA2008, DOI 10.1109/CNNA.2008.4588674, 5 (2008), 1-19.
- 14.P.Popivanov, A.Slavova, L.Zanghirati, Travelling waves for several equations of mathematical physics -existence and profiles, C.R.Bulg.Acad.Sci., vol. 62, kn.3, 2009.
- 15.Agranovich G., E.Litsyn , A. Slavova ,Stabilizing Control of a Hysteresis Cellular Neural Network Model, C.R.Bulg.Acad.Sci., 63, N0.1, 2010, pp.47-54

- 16.R.Cancelliere, M.Gai, A.Slavova, Application of polynomial cellular neural networks in diagnosis of astrometric chromaticity, *Applied Mathematical Modelling* 34, 2010. pp. 4243-4252
- 17.P.Popivanov, A.Slavova, P.Zecca, Regularizing property of the solutions of a dissipative semilinear wave equation, *C.R.Bulg.Acad.Sci.*, t.63, No.7, 2010, pp. 961-970
18. R.Agliardi, P.Popivanov, A.Slavova, Nonhypoellipticity and comparison principle for partial differential equations of Black-Scholes type, *Nonlinear Analysis, Series B: Real World Applications*, 12 (2011) 1429–1436, [doi:10.1016/j.nonrwa.2010.10.003]
19. T. Melton, A. Slavova, Travelling Wave Solutions of FitzHugh-Nagumo CNN Model with Hysteresis, *C.R.Bulg.Acad.Sci.*, t.64, No 5, 2011, pp.653-658
20. A.Slavova, P.Zecca, “Cellular Neural Networks Modeling of Tsunami Waves”, *Proc. IEEE*, vol.100, Sep.2012, pp. ISBN: 978-1-4673-0287-6
- 21.Slavova A., Stabilization Of Coupled Reaction-Diffusion CNN, *Proc. IEEE*, vol.101, Sep.2013, pp. , ISSN 0018-9212, DOI 10.1109/ECCTD.2013.6662311
- 22.Angela Slavova, Victoria Rashkova, Convection diffusion model for image processing, *C.R.Bulg.Acad.Sci.*, t.64, No 3, 2011, pp. 339-344
- 23.P.Popivanov, A.Slavova, Full classification of the traveling wave solutions of Fornberg-Whitham equation. Solutions into explicit form, *C.R.Acad.Bulg.Sci.*, 65:5 (2012), 563-574
- 24.P.Popivanov, A.Slavova, Rarefaction waves for quasilinear hyperbolic systems. Creation of δ -singularities to the Riemann problem, *C.R.Acad.Bulg.Sci.*, 65:10 (2012),1325-1334
25. A.Slavova, P.Zecca, Travelling wave solutions of polynomial Cellular Neural Network model for Burgers-Huxley equation, *C.R.Acad.Bulg.Sci.*, 65:10 (2012), 1335-1342
- 26.R.Agliardi, P.Popivanov, A.Slavova, A general framework for some economic problems with uncertainty and exogeneous barriers, *Economic Modelling*, v.29 (2012), 2320-2324
- 27.Rangelov T., A. Slavova , Dynamic behaviour of piezoelectric solid via CNN approach, *C. R. Acad. Sci. Bulg.*, 66:6, 801-808, 2013.
- 28.Slavova A., N.Kyurkchiev, On an implementation of Black-Scholes model for estimation of Call- and Put option via programming environment MATHEMATICA, *C. R. Acad. Sci. Bulg.*, 66:5, 643-650, 2013.
- 29.A.Slavova, R.Tetzlaff, CNN computing of double sine-Gordon equation with physical applications, *C.R.Bulg.Acad.Sci.*, vol.67, Is.1, 2014, 21-27, ISSN 1310-1331
- 30.A. Slavova, N. Kyurkchiev, Numerical implementations of generalizations of Black-Scholes model for estimation of call and put-option, *C.R.Bulg.Acad.Sci.*, vol.67, Is.8, 2014, 1053-1060
- 31.A.Slavova, P.Zecca, Applications of equations of mathematical physics in studying Tsunami waves, *Pliska Studia Mathematica Bulgarica*, Vol. 23, 2014, 159-174
- 32.A. Slavova, N.Kyurkchiev, Programme packages for implementation of modifications of Black-Scholes model and web applications, *Pliska Studia Mathematica Bulgarica*, Vol. 23, 2014, 141-158.
- 33.A.Slavova, R.Tetzlaff, M.Markova, CNN computing of the interaction of fluxons, *Proceedings of the General Assembly of URSI, Istanbul*, 2011, ISBN 978-1-4244-5118-0, IEEE.

34. Slavova A., Stabilization Of Coupled Reaction-Diffusion CNN, Proc. IEEE, vol.101, Sep.2013, pp. , ISSN 0018-9212, DOI 10.1109/ECCTD.2013.6662311
35. A. Slavova, Generation of active hysteresis in CNN., Proc. IEEE, vol.102, July 2014, ISSN 0018-9212
36. G.Agranovich, E.Litsyn, A.Slavova, Stabilization of FitzHugh Nagumo CNN system, Functional Differential Equations, vol.20, No.3-4, 2013, pp. 141-157, ISSN 0793-1786
37. A. Slavova, N. Kyurkchiev, On a Hypothetical Model of Modified Black–Scholes Equation with Dividends, C.R.Bulg. Acad.Sci., t.68, 4, 2015, pp. 431-436, ISSN 1310-1331 (IF 0.284)
38. A.Slavova, M.Markova, CNN modeling of nano-structures, IEEE Proc., ECCTD, 2015, DOI: 10.1109/ECCTD.2015.7300116 (IF 5.466)
39. A.Slavova, M.Markova, CNN modeling of nano-inclusions, PLISKA Studia Mathematica 25, 2015, pp. 101-110, ISSN 0204-9805
40. Angela Slavova, Nikolay Kyurkchiev, On an Implementation of Subordinated Brownian Motion and Option Pricing with and without Transaction Costs via CAS MATHEMATICA, PLISKA Studia Mathematica 25, 2015, pp. 175-182, ISSN 0204-9805
41. A.Slavova, M.Markova, CNN modeling of hysteresis and memristors, Proc. BGSIAM 2014, 2015, pp.69-80, ISSN:1313-3357
42. A.Slavova, G.Bobeva, Local Activity of CNN with Dynamic Memory Synapses, C.R.Bulg.Acad.Sci., t.69, kn.11, pp. 1401-1406, 2016, ISSN: 1310-1331, IF 0.233
43. A.Slavova, G.Bobeva, Local Activity in Reaction-Diffusion CNN with Memristor Synapses, Proc. IEEE, CNNA2016, p.87, 2016, ISBN: 978-3-8007-4252-3, IF 5.629
44. A.Slavova, V.Ignatov, CNN Computing of Piezoelectric Solid with Nano-Holes under Time-Harmonic Anti-Plane Load, Proc. IEEE, CNNA2016, p.81, 2016, ISBN: 978-3-8007-4252-3, IF 5.629
45. G.Agranovich, E.Litsyn, A.Slavova, Dynamical behavior of integro-differential boundary value problem arising in nano-structures via Cellular Nanoscale Network approach, J.Comp.Appl.Math., 2016 (accepted), ISSN: 0377-0427, IF 1.328
46. A.Slavova, R.Tetzlaff, Edge of Chaos in Reaction Diffusion CNN Model, Open Mathematics, 2016 (accepted), ISSN: 2391-5455, IF 0.512
47. E.Litsyn, A.Slavova, Control of chaotic behavior of integro-differential CNN model arising in piezoelectric material with nano-heterogeneities, PLISKA Studia Mathematica, vol.26, ISSN: 0204-9805, 2016.
48. A.Slavova, R.Tetzlaff, Dynamics of hysteresis CNN with memristor synapses, PLISKA Studia Mathematica, vol.26, ISSN: 0204-9805, 2016.
49. G.Agranovich, E.Litsyn, A.Slavova, Stabilization of integro-differential CNN model arising in nano-structures, QUALITDE 2016, ISSN: 1512-3391, 2016.
50. G. Bobeva, A. Slavova, Edge of chaos in memrsitor CNN model with hysteresis, Proc. IEEE, ECCTD2017, IF 5.629.
51. A.Slavova, P.Popivanov. Regularity and solvability of pseudo-differential operators with double characteristics. Mediterranean Journal of Mathematics, 16, 5, Springer, 2019, ISSN:1660-5446, DOI:10.1007/s00009-019-1396-9, 121. JCR-IF (Web of Science):1.181

Q1

52. A.Slavova, Z.Zafirova. Dynamics of viscoelastic Burgers'cellular neural networks model. AIP Conference Proceedings, 2159, AIP, 2019, ISBN:978-0-7354-1904-9, DOI:10.1063/1.5127496, 030031. SJR (Scopus):0.18
53. A.Slavova, Z.Zafirova. Harmonic balance method for studying CNN model of differential equations. AIP Conference Proceedings, 2172, AIP, 2019, ISBN:978-0-7354-1919-3, DOI:10.1063/1.5133502, 030013. SJR (Scopus):0.18
54. A.Slavova. Local activity in reaction-diffusion CNN models. AIP Conference Proceedings, 2159, AIP, 2019, ISBN:978-0-7354-1904-9, DOI:10.1063/1.5127495, 030030. SJR (Scopus):0.18
55. Slavova, A., Zafirova,Z., Zecca,P.. CNN MODELING OF A CLASS OF INTEGRO-DIFFERENTIAL EQUATIONS. PLISKA Studia Mathematica, 30, IMI at the Bulgarian Academy of Sciences, 2019, ISSN:0204-9805, 171-184
56. Slavova, A., Agranovich, G., Litsyn, E.. Dynamical behavior of integro-differential boundary value problem arising in nano-structures via Cellular Nanoscale Network approach. Journal of Computational and Applied Mathematics, 352, Elsevier, 2019, ISSN:0377-0427, DOI:https://doi.org/10=1016/j.cam.2018.11.024, 62-71. SJR (Scopus):0.849, JCR-IF (Web of Science):1.883 Q1

Цитати:

Има над 500 забелязани цитата без автоцитати. Scopus h-index: 6, Google Scholar h-index 9.

URL Wikipedia: https://en.wikipedia.org/wiki/Angela_Slavova

Лекции по покана в чужбина:

October-November 1991 Blaise Pascal University, Clermont-Ferrand, France
1992-1993 Fulbright Scholarship, Florida Institute of Technology, Florida, USA
July 1994 University of Florence, Florence, Italy
May 1995 University of Florence, Florence, Italy
May 1997 University of Ioannina, Ioannina, Greece
January-July 1998 CNR Fellowship, University of Florence, Italy
May-June 2002 University of Catania, Italy
July 2002 University of Florence, Italy
May 2003 University of Florence and University of Torino, Italy
November 2004 Astronomical Observatory, Torino, Italy
October 2005 Plenary Lecture at the WSEAS Conference, Sofia
November 2005 College of Judea and Samaria, Ariel, Israel

March 2006 University of Florence, Italy
October 2008 University of Torino and University of Ferrara, Italy
October 2009 University of Ferrara, Italy
March 2010 University of Florence, Italy
May 2010 University of Torino, Ferrara, Italy,
October 2010 College of Judea and Samaria, Ariel, Israel
October 2010 University of Bologna, Italy
May 2011 University of Ferrara, Italy
September 2011 Technical University of Lisbon, Portugal
September 2012, University of Bologna, Italy
June 2013, Technical University of Dresden, Germany
November 2014, Ariel University, Israel
May 2015, technical University of Lisbon, Portugal
July 2015, Ariel University, Israel
September 2016, Ariel University, Israel
August 2017, Ariel University, Israel
July 2018, University of Bologna, Italy
October 2019, Technical University of Dresden, Germany

Участие в международни конференции:

1. Workshop on Industrial Mathematics, Trieste, Italy, 1999
2. Second conference on Numerical Analysis and Applications, Rousse, 2000 доклад по покана
3. Third European Congress of Mathematics, Barcelona, Spain, 2000
4. Workshop on Mathematical Problems in Image Processing, ICTP, Trieste, Italy, 2000.
5. Bimestre Intensivo, Torino, May-June 2003 – доклад по покана
6. European Conference on Circuit Theory and Design, Krakow, Poland, September 2003.
7. Fourth European Congress of Mathematics, Stockholm, Sweden, 2004.
8. International Congress MASSEE 2003, Special Session Organizer on Neural Networks: Theory and Applications, 15-21 September 2003, Borovetz
9. International Congress MASSEE, Pafos, Cypros, 2006
10. International Congress of Mathematicians, Madrid, Spain, 2006
11. Conference of European Women in Mathematics, Cambridge, England, 2007-доклад по покана
12. European Congress of Mathematics, Amsterdam, Netherlands, 2008
13. School on Mathematical Neuroscience, IMA, University of Minnesota, USA, 2008
14. 5th International Conf. Mathematical modeling and computer simulation of materials technology, Sept. 8-12, 2008, Ariel, Israel – доклад по покана
15. European Conference on Circuit Theory and Design, Antalya, 2009.

16. Conference on Generalized Functions, Vienna, Austria, 2009
17. Workshop on Financial Mathematics, Bologna, Italy, 2009 – доклад по покана
18. International Conf. on Nonlinear Dynamics in Electrical Systems, Dresden, Germany, 22- 25 May, 2010
19. URSI General Assembly, Istanbul, 13-20 August 2011
20. ECCTD 2011, 29-31 August, Lindkoping, Sweden
21. CNNA2012, 28-30 August 2012, Torino, Italy
22. ECCTD 2013, 2-6 September 2013, Dresden, Germany
23. International Congress of Mathematicians, Seoul 13-12 August 2014.
24. BGSIAM Conferences, December 2007-2014, Sofia
25. ECTTD 2015, 24-26 August 2015, Trondheim, Norway
26. ISCAS 2015, May 2016, Montreal, Canada
27. CNNA 2016, August 23-25, 2016 Dresden, Germany
28. ECM 2016, July 2018, Berlin, Germany
29. ICM 2018, August 2018, Rio de Janeiro, Brazil
30. NTADES 2014, 2015, 2016, 2017, 2018, Sofia, Bulgaria
31. NTADES 2019, St. Constantine and Helena, Bulgaria
32. ISCAS 2019, May 2019, Sapporo, Japan
33. MEMRISYS 2019, July 2019, Dresden, Germany
34. FDEA 2019, September 2019, Ariel, Israel – пленарен доклад
35. ICECS 2019, November 2019, Genova, Italy

Организация на конференции:

1. Annual Meetings of BGSIAM 2008-2014 – програмен комитет
2. ECCTD 2013, 2-6 September 2013, Dresden, Germany – програмен комитет
3. ECTTD 2015, 24-26 August 2015, Trondheim, Norway - програмен комитет
4. CNNA 2016, August 23-25, 2016 Dresden, Germany – съпредседател на програмния комитет
5. NTADES 2014, 2015, 2016, 2017, 2018, 2019 – председател на програмния комитет
6. FDEA 2019, September 2019, Ariel, Israel – програмен комитет

Докторанти:

1. Виктория Рашкова, „Изследване на динамичното поведение на Клетъчно Невронни Модели с приложения в разпознаване и обработка на образи“, защитена 2012 г.
2. Мая Маркова, „Изследване на динамиката на модели Клетъчно Невронни Мрежи възникващи в биологията и екологията“, защитена 2013 г.
3. Галина Бобева – редовен докторант, отчислен с право на защита

4. Зоя Зафирова – задочен докторант, 2 година
5. Павел Стойнов – задочен докторант, 2 година

Награди и отличия:

1. Награда за високи научни постижения на Съюза на учените в България, 2011 за монографията Popivanov, P., Slavova, A., Nonlinear waves. Introduction. World Scientific, Singapore, 2011
2. Награда за високи научни постижения на Съюза на учените в България, 2019 за монографията Slavova A., P. Zecca. Modeling Natural Phenomena via Cellular Nonlinear Networks. Cambridge Scholars Publishing, 2017

Ръководни длъжности в България и чужбина:

1. Председател на BGSIAM 2010-2014
2. Зам. председател на секция Математика към Съюза на учените в България 2012-2017
3. Председател на секция Математика към Съюза на учените в България 2017-
4. Председател на Technical Committee IEEE on CNNAD 2012-2014
5. Председател на Комисия К към Националния URSI комитет

Членство в международни организации:

1. American Mathematical Society;
2. Society of Industrial and Applied Mathematics;
3. European Mathematical Society;
4. European Women in Mathematics;
5. Union of Scientific Workers in Bulgaria;
6. Union of Bulgarian Mathematicians.
7. Technical Committee IEEE on Neural Networks
8. National URSI Committee – chair of Commission K
9. Bulgarian Section of SIAM
10. Chua Memristor Center

Научни проекти:

1. Bilateral Project with University of Beer-Sheva, Israel (2011 – 2018): “Qualitative theory of Differential Equations and Applications in Cellular Neural Networks” – project coordinator for Bulgaria

2. Bilateral Project with University of Ariel, Israel (2018 – 2020): "New method for the analysis of differential equations based on Cellular Nanoscale Networks"- project coordinator for Bulgaria
3. NATO Grant ICS.NR.CLG 981757 (2005-2007) with University of Florence, Italy: "Topological methods for Differential Equations and Computer Simulations via Cellular Neural Networks"-project coordinator for Bulgaria
4. Joint Grant with Technical University of Dresden "Image coding and cellular automata" 2009-2011- project coordinator for Bulgaria
5. NATO Grant ICS.NR.CLG 983716 (2009-2011) with University of Florence, Italy: "Topological Methods and New Wave Phenomena for Environmental Security via Cellular Neural Networks"-project coordinator for Bulgaria
6. Bilateral Project with University of Bologna, Italy (2009-2011): "Modelling of financial mathematics problems of risk management" – project coordinator for Bulgaria
7. DFG Joint project TE257/19-1, 2012-2015 – project coordinator for Bulgaria
8. MONM Project "Hybrid Boundary Integral Equation - Cellular Neural Network Approach for Analysis of Cracked Piezoelectric Materials" (2011-2013)
9. MONM Project "Integro-differential equations for solving coupled problems in multifunctional materials with nano-heterogeneities" (2015-2017)
10. DFG Joint Project ECOM, 2018-2021- project coordinator for Bulgaria