

# CV – Florin F. NICHITA

**Adresa:** Institutul de Matematica "Simion Stoilow" al Academiei Romane, P.O. Box 1-764, RO-70700, Bucuresti, ROMANIA

**Afiere:** *Institutul de Matematica "Simion Stoilow" al Academiei Romane*

## **Domenii Principale de Interes Stiintific:**

1. Grupuri Cuantice, Algebre Hopf, Ecuatii Yang-Baxter si Aplicatiile lor in Topologie;
2. Geometrie Diferentiala, Geometrie Necomutativa.

## **Educatie si Activitate Profesionala (selectie):**

1. 2006 - 2016: Cercetator Stiintific II, *Institutul de Matematica "Simion Stoilow" al Academiei Romane.*
2. 2005 - 2006: Lector, *Catedra de Matematica, Universitatea de Petrol si Gaze din Ploiesti.*
3. 2003 - 2005: Marie Curie Research Fellow, *Mathematics Department, University of Wales Swansea, Marea Britanie.*
4. 2000 - 2002: Visiting Assistant Professor, *Mathematics Department, State University of New York at New Paltz, SUA.*
5. 1994 - 2000: doctorand, *Mathematics Department, State University of New York at Buffalo, SUA.*
6. Teza de doctorat: "Non-linear Equations, Quantum Groups and Duality Theorems", conducator de doctorat: Prof. Dr. Samuel D. Schack.
7. 1989 - 1994: student, *Facultatea de Matematica, Universitatea Bucuresti.*
8. Teza de Licenta: "Hopf-Galois Extensions", conducator stiintific: Prof. Dr. Constantin Nastasescu.

## **Activitate Editoriala si in Comitete Stiintifice:**

1. Axioms, MDPI, Basel, Elvetia (ISSN 2075-1680) – membru in comitetul editorial (2012-2018).
2. Organizator / Moderator, THE 13-th INTERNATIONAL WORKSHOP ON DIFFERENTIAL GEOMETRY AND ITS APPLICATIONS, Universitatea Petrol si Gaze din Ploiesti, septembrie 26 - 28, 2017.

3. Organizator, MASA ROTUNDA PE TEMA PREDARII MATEMATICII IN LICEU, Universitatea Petrol si Gaze din Ploiesti, septembrie 25, 2017.
4. Axioms, 2017 – Editor, Special Issue: *Hopf Algebras, Quantum Groups and Yang-Baxter Equations 2017*.
5. Axioms, 2016 – Editor, Special Issue: *Hopf Algebras, Quantum Groups and Yang-Baxter Equations 2016*.
6. Organizator / Moderator, THE 12-th INTERNATIONAL WORKSHOP ON DIFFERENTIAL GEOMETRY AND ITS APPLICATIONS, Universitatea Petrol si Gaze din Ploiesti, septembrie 23 - 26, 2015.
7. Moderator pentru sesiunile “Systems and Computers” si “Numerical and Applied Mathematics”, INASE, Barcelona, April 7-9, 2015.
8. Co-organizator pentru conferinta “Creating Graphical User Interface, and Standalone Applications in MATLAB”, IMAR, 26 februarie, 2015.
9. Axioms, 2015 – Editor, Special Issue: *Hopf Algebras, Quantum Groups and Yang-Baxter Equations 2015*.
10. Axioms, 2014 – Editor, Special Issue: *Hopf Algebras, Quantum Groups and Yang-Baxter Equations 2014*, Axioms, MDPI (2014), vol. 3(4), 360-368; Axioms 2015, 4(1), 32-70; Axioms 2015, 4(2), 134-155; Axioms 2015, 4(2), 177-193; ISSN: 2075-1680, [http://www.mdpi.com/journal/axioms/special\\_issues/hopf\\_algebras\\_2014](http://www.mdpi.com/journal/axioms/special_issues/hopf_algebras_2014).
11. Axioms, 2013 – Editor, Special Issue: *Hopf Algebras, Quantum Groups and Yang-Baxter Equations 2013*, Axioms, MDPI (2013), vol. 2(3), 437-476; ISSN: 2075-1680, [http://www.mdpi.com/journal/axioms/special\\_issues/equations\\_2013](http://www.mdpi.com/journal/axioms/special_issues/equations_2013).
12. Axioms, 2012 – Editor, Special Issue: *Hopf Algebras, Quantum Groups and Yang-Baxter Equations*, Axioms, MDPI (2012), vol. 1(1), 74-98; vol. 1(2), 111-237; vol. 1(3), 259-290; vol. 1(3), 291-364; ISSN: 2075-1680, [http://www.mdpi.com/journal/axioms/special\\_issues/hopf\\_algebras](http://www.mdpi.com/journal/axioms/special_issues/hopf_algebras).
13. AdvMed 2012, Advances on Medical Signal, Data and Media Analysis, Universitatea Petru Maior din Targu Mures si Universitatea de Medicina si Farmacie, Targu Mures, 18-19 iulie 2012 – membru in comitetul stiintific.
14. MedDecSup 2012, International Workshop on Next Generation Intelligent Medical Decision Support Systems, Sofia, Bulgaria, 10-11 iulie 2012 – membru in comitetul stiintific.
15. MedDecSup 2011, International Workshop on Next Generation Intelligent Medical Decision Support Systems, Targu Mures, 18 - 19 septembrie 2011 – membru in comitetul stiintific.
16. Understanding Intelligent and Complex Systems, Petru Maior University, Targu Mures, 22 - 23 octombrie 2009 – membru in comitetul stiintific.
17. Coordonator pentru prelegeri la sesiuni stiintifice ale studentilor, American University of Kuwait (2007).

### **Granturi, Premii, Distinctii:**

1. Suport financiar din partea IMAR: "The Eighth Congress of Romanian Mathematicians", Iasi, Romania, 26 iunie - 1 iulie, 2015.
2. Letter of acknowledging the Editorial Achievement, 2014, Axioms, MDPI.
3. Certificate of Editorial Achievement, 2012, Axioms, MDPI.
4. *461CB/23.10.210, Electronic Health Records for the Next Generation Medical Decision Support in Romanian and Bulgarian National Healthcare Systems 2013 NextGenElectroMedSupport*, Co: Univ. Petru Maior Tg. Mures, Co: Technical University, Sofia, Bulgaria, membru in echipa de cercetare.
5. *476/07.03.2011, Hybrid Medical Complex Systems, ComplexMediSys*, Co: Universitatea Petru Maior din Targu Mures; Co: Institute of Informatics of the Slovak Academy of Sciences (2011-2012), membru in echipa de cercetare.
6. National Research Grant 2007-2013-PN II, membru in echipa de cercetare a Universitatii Petru Maior, Targu Mures.
7. 2006: Suport financiar acordat de AUK/KUWAIT pentru prezentare la Univ. Cambridge, Marea Britanie.
8. 2005: Suport financiar acordat de Univ. Wales Swansea pentru prezentare la *American Mathematical Society meeting no. 1003*, Atlanta, Georgia, SUA.
9. International Cooperation in Algebra, Geometry and Topology, CIDAGT (contract 249-Cex-M3-249-2006), membru in echipa.
10. 2002: Marie Curie Research Fellowship, acordat de Comisia Europeana, director de grant.
11. 2002: Suport financiar acordat de SUNY/NEW PALTZ pentru sustinerea unei prelegeri la UNIVERSITY OF NOTRE DAME, S.U.A..
12. 2000-2004: participant intr-un grant EUROMMAT la IMAR.
13. 1999: Who's Who Among Students, SUNY Buffalo, SUA.
14. 1998: Excellence in teaching, SUNY Buffalo, SUA.

### **Activitate de referend:**

*Journal of Linear Algebra and Its Applications; Electronic Journal of Linear Algebra; Symmetry, MDPI; Axioms, MDPI; Comunications in Algebra; Advanced computational technologies, Editura Academiei Romane, 2012; Studies in Computational Intelligence; Education, MDPI; International Conference on Control, Decision and Information Technologies (CoDIT'13), May 06-08, 2013, Hammamet, Tunisia; Applied Mathematics and Information Sciences (AMIS), Natural Sciences Publishing; Scientific Reports; Nature Publishing Group, International Conference on Control, Decision and Information Technologies (CoDIT'16), 6-8 April, 2016, Malta.*

### **Conferinte invitate, Prezentari, Postere:**

1. Conferinta invitata, "Non-associative structures, QYBE and applications", 30 minute, "Noncommutative and non-associative structures, braces and applications", organizata de Univ. Edinburg, UK, Malta, 11-15 March, 2018.
2. Poster, "Noncommutative and non-associative structures, braces and applications", Malta, 11-15 March, 2018 (cu Radu Iordanescu si Ion M. Nichita).
3. Poster, THE 13-th INTERNATIONAL WORKSHOP ON DIFFERENTIAL GEOMETRY AND ITS APPLICATIONS, Petroleum-Gas University of Ploiesti (UPG), Romania, September 26 - 28, 2017.
4. Conferinta invitata, "On Jordan Algebras and Unification Theories", 50 minute, THE 12-th INTERNATIONAL WORKSHOP ON DIFFERENTIAL GEOMETRY AND ITS APPLICATIONS, Petroleum-Gas University of Ploiesti (UPG), Romania, September 23 - 26, 2015.
5. Poster, THE 12-th INTERNATIONAL WORKSHOP ON DIFFERENTIAL GEOMETRY AND ITS APPLICATIONS, Petroleum-Gas University of Ploiesti (UPG), Romania, September 23 - 26, 2015.
6. Conferinta invitata, "Non-associative structures, Yang-Baxter equations and applications", The Eighth Congress of Romanian Mathematicians, Algebra and Number Theory, 30 minute, Iasi, Romania, 26 iunie - 1 iulie, 2015.
7. Conferinta invitata, INASE, Barcelona, 7-9 aprilie, 2015, 30 minute, (cu Radu Iordanescu si Ion M. Nichita).
8. Poster, International Conference "Mathematics Days in Sofia", Sofia, Bulgaria, July 7-10, 2014 (cu I. M. Nichita).
9. Conferinta invitata, 30 minute, Mini-symposia: Algebraic Methods in Quantum Field Theory, Sofia, July 9, 2014.
10. Prelegere invitata, 50 minute, IFIN-HH, Magurele, 25 aprilie 2014.
11. The 11-th International Workshop on Differential Geometry and its Applications, 19-22 septembrie 2013, Ploiesti (poster).
12. Conferinta invitata, Universitatea of Bucuresti, Workshop in onoarea Acad. Prof. Constantin Nastasescu, 18 mai 2013.
13. Conferinta invitata, AMS Meeting no. 1088, Boston College, Boston, SUA, 6 aprilie 2013.
14. International Conference on Virtual Learning, Cluj-Napoca, 28-29 octombrie 2011 (poster).
15. A XV-a Conferinta Anuala a Societatii de Stiinte Matematice din Romania, Hunedoara, 29.09.2011 - 02.10.2011 (prelegere).
16. The 10th International Workshop on Differential Geometry and its Applications, Ovidius University, Constanta, August 26-30, 2011 (poster).

17. The Seventh International Conference Quantum Theory and Symmetries (QTS-7), Prague, Czech Republic, August 7-13, 2011 (poster).
18. The Seventh Congress of Romanian Mathematicians, Section 1B: Algebra; Brasov, 29 iunie - 5 iulie 2011 (conferinta).
19. National Conference on Theoretical Physics, NCTP 2010 - fourth edition, 23-25 iunie 2010, Iasi (poster).
20. Understanding Intelligent and Complex Systems, Universitatea Petru Maior din Targu Mures, 22 - 23 octombrie 2009 (conferinta).
21. Swansea University, Marea Britanie, 8 octombrie 2009 (prelegere).
22. CNF 2008, Bucuresti - Magurele, 10 - 13 septembrie 2008 (poster).
23. The Third National Conference on Theoretical Physics, Busteni, 10 - 13 iunie 2008 (poster).
24. 6-th Congress of Romanian Mathematicians, Section 1B: Algebra; Bucuresti, 28 iunie - 4 iulie 2007 (conferinta).
25. Trends in Non-commutative Geometry, Isaac Newton Institute for Mathematical Sciences, University of Cambridge, Marea Britanie, 18 - 22 decembrie 2006 (poster).
26. ICTAMI, Universitatea "1 Decembrie 1918", Alba Iulia, septembrie, 2005 (conferinta).
27. Mathematics Colloquium, Gregynog, Marea Britanie, 23 - 25 mai 2005 (conferinta).
28. University of Wales, Swansea, Marea Britanie, 22 februarie, 2005 (prelegere).
29. American Mathematical Society meeting no. 1003, Atlanta, Georgia, SUA, 5 - 8 ianuarie 2005 (conferinta).
30. Workshop on Hopf Algebras, University of Wales, Swansea, Marea Britanie, 24 - 26 iunie 2004 (conferinta).
31. UNESCO, Bucuresti, noiembrie, 2002 (conferinta).
32. ICTAMI, Universitatea "1 Decembrie 1918", Alba Iulia, octombrie, 2002 (conferinta).
33. SUNY New Paltz, SUA, aprilie, 2002 (prelegere).
34. University of Notre Dame, SUA, martie, 2002 (prelegere).
35. IMAR, Bucharest, iulie, 2001 (prelegere).
36. SUNY New Paltz, SUA, martie, 2001 (prelegere).
37. American Mathematical Society meeting no. 943, SUNY Buffalo, SUA, 24 - 25 aprilie 1999 (conferinta).
38. Sigma - Xi 1998, Student Poster Competition, SUNY Buffalo, SUA, aprilie 1998.