

**LIST OF WORKS
SCIENTIFIC ACTIVITY**

I. BOOKS

a. Published in publishing houses recognized by CNCS

- **Bitang, Viorel** – “Computer technologies involved in training swimmers”, Ed. „Vasile Goldis” University Press Arad 2009, 89 pag, ISBN 978-973-664-337-8
- **Bitang, Viorel** – „Teaching and learning swimming techniques for children and juniors”, ediția a II-a, revizuită, Ed.„Vasile Goldiș” University Press Arad 2009, 169 pag., ISBN 978-973-664-338-5
- **Bitang, Viorel** – “Short swim training strategy”, Ed. „Vasile Goldiș” University Press Arad 2009, 100 pag., ISBN 978-973-664-336-1
- **Bitang, Viorel** – „Swim performance training”, ediția a II-a, revizuita, Ed.„Vasile Goldiș” University Press Arad 2009, 126 pag, ISBN 978-973-664-340-8
- **Bitang, Viorel** – „Programs and operational structures used in shore and shore training”, ediția a II-a, revizuita, Ed. „Vasile Goldiș” University Press Arad 2009, 134 pag., ISBN 978-973-664-339-2
- **Bitang,Viorel**, Tiberiu Tigănu,Vasile Paltineanu - “An Illustrated History of rowing in Arad”, Editura Gutemberg Univers” Arad, 2012, 395 pag, 170 pag, ISBN 978-606-8204-92-5
- **Bitang, Viorel**, Tiberiu Tigănu,Vasile Paltineanu – „Arad table tennis, present and perspectives”, Editura„Vasile Goldis” University Press, 2010, 170 pag, ISBN 978-973-664-446-7
- **Bitang, Viorel**, Tiberiu Tigănu,Vasile Paltineanu – „35 years together with CSM Arad”, Editura ASTRA SPORT 2008, 65 pag, ISBN 943-81-61-86-8

b. Textbooks and university courses published in CNCS-recognized publishing houses

- **Bitang, Viorel** – „Practical textbook” – Editura „Vasile Goldis” University Press, Arad 2002, pag. 136, ISBN 973-8161-66-5
- **Bitang, Viorel** – „Swimming course” - Editura „Vasile Goldis” University Press, Arad 2001, pag. 159, ISBN 973-8161-29-0
- **Bitang, Viorel** – „Swimming specialization course” - Editura „Vasile Goldis” University Press, Arad 2002, pag. 126, ISBN 973-8161-65-7

c. Coordination of collective volumes published in publishing houses recognized by CNCS

- **Bitang, Viorel**, Dan Mirela – “Grid Tests 2013 - Physical and Sports Education, Physical Therapy and Special Motricity”, Editura “Vasile Goldis” University Press Arad, 2013, pag. 184, ISBN 978-973-664-618-8

II. STUDIES PUBLISHED IN VOLUMES

a. Chapters published in books

- **Bitang, Viorel**, Dan Mirela – “Grid Tests 2013 - Physical and Sports Education, Physical Therapy and Special Motricity”, Editura “Vasile Goldis” University Press Arad, 2013, pag. 184, ISBN 978-973-664-618-8
- **Bitang, Viorel** – „Study Program Physical and Sports Education - Questions and Answers - License Exam”, Editura Universitatii „Aurel Vlaicu” Arad, 2015, ISBN 978-973-752-721-9

b. Studies presented at conferences

- **Bitang, Viorel** – „The study of articular mobility as an element of importance for the achievement of the motor profile in the first-to-fourth class swimmers in the special swimming schools”, Conferință științifică internațională, Arad, Zilele Academice Arădene, ediția XI – a, 2001, ISBN: 973-9328-72-2
- **Bitang, Viorel**, Ignat, Constantin – „Study on a new computer-assisted method for developing speed in junior swimmers”, Conferința Științifică Națională în Domeniul Științei Sportului, “Valorificarea cercetării științifice în domeniul activităților corporale”, volum editat de CSSR și Institutul Național de Cercetare pentru Sport, București 24 octombrie 2008, ISSN: 1842-4678, pag. 63,
- **Bitang, Viorel** – „Study of Joint Mobility in Children's Swimming ", National Scientific Conference in the Field of Sport Science," Valorisation of scientific research in the field of bodily activities”, volum editat de CSSR și Institutul Național de Cercetare pentru Sport, București 24 octombrie 2008, ISSN 1842-4678, pag. 68,
- **Bitang, Viorel** – „Study on the effectiveness of using motion games in swimming learning”, Revista “Știința Sportului”, nr. 2, 2009, ISSN-1453-018X, CNCSIS B, cod CNCSIS 123, http://www.cnscis.ro/cenaposs/2009/rev_ed/reviste_cat_B.pdf
- **Bitang, Viorel** – „Study of the development of motor skills and training methods in swimmers”, Revista “Știința Sportului”, nr. 3, 2009, ISSN-1453-018X, CNCSIS B, cod CNCSIS 123, http://www.cnscis.ro/cenaposs/2009/rev_ed/reviste_cat_B.pdf
- **Bitang, Viorel** – „The study of the effectiveness of motion games in speed development in gymnasium students”, Revista “Știința Sportului”, nr. 4, 2009, ISSN-1453-018X, CNCSIS B, cod CNCSIS 123,
- **Bitang Viorel, Braica Patricia** , “Study on how to spend leisure time by practicing physical exercise and promoting them in tourist units”, Revista Studia Universitatis „Vasile Goldis”, seria Stiinte ingineresti si agro-turism, vol. 6, issue 2, 2011, november, pag.55-62, ISSN 1842-0508, e-ISSN 2067-6034, <http://studies.facultateadeinginerie.ro>
- **Bitang, Viorel; Bitang, Andrei** – „Study of speed development strategies for junior swimmers”, Analele Universității Ovidius Constanta, Vol. VIII, Seria VIII, Partea A II-a, 2008, ISSN 1234-7359, pp. 54-60, CNCSIS D, cod CNCSIS 29, http://www.cnscis.ro/cenaposs/2007/Arhiva/reviste_cat_D_07.pdf
- **Bitang, Viorel** – „The study on the effectiveness of using aids in swimming learning”, Zilele Academice Arădene, ediția VIII – a, Vasile Goldiș” University Press Arad, 1998, ISBN: 973-9328-22-1

III. STUDIES AND ARTICLES IN SPECIALIZED JOURNALS FROM THE MAINSTREAM INFORMATION FLOW

a. Scientific articles published in specialized journals rated CNCS in category B + and / or indexed in BDI (at least two BDI)

- **Bitang Viorel-Bitang Andrei** - „Ways and means to learning swimming in pools with different depths”, „ARENA – Journal of Physical Activities”, Nr. 5/2016, ISSN 2392 - 8026(Online); ISSN-L 2285 - 830X
- **Bitang, Viorel** – „The influence of technique on the performance in the swimming events”, „Arena - Journal of Physical Activities”, nr. 3/2014, ISSN 2392 - 8026(Online); ISSN-L 2285 - 830X;<http://www.uav.ro/jour/index.php/ajpan>
- Tusz, Francisc; **Bitang, Viorel** – „Organization and Functioning System of Arad Sport”, “Arad megye utánpótlás rendszerének felépítése és működése”, „Tudomány a Sportoló Nemzetért”, Budapesta Ungaria, 2007, ISBN 978-963-87701-0-3, pag. 86
- **Bitang, Viorel** – „Study on the effectiveness of using motion games in swimming learning”, Revista “Știința Sportului”, nr. 2, 2009, ISSN-1453-018X, CNCSIS B, cod CNCSIS 123, http://www.cnscis.ro/cenaposs/2009/rev_ed/reviste_cat_B.pdf
- **Bitang, Viorel** – „Study of the development of motor skills and training methods in swimmers”, Revista “Știința Sportului”, nr. 3, 2009, ISSN-1453-018X, CNCSIS B, cod CNCSIS 123, http://www.cnscis.ro/cenaposs/2009/rev_ed/reviste_cat_B.pdf
- **Bitang, Viorel** – „The study of the effectiveness of motion games in speed development in gymnasium students”, Revista “Știința Sportului”, nr. 4, 2009, ISSN-1453-018X, CNCSIS B, cod CNCSIS 123,
- **Bitang, Viorel; Ignat, Constantin** – „Study on a new computer-assisted method for developing speed in junior swimmers”, Conferința Științifică Națională în Domeniul Științei Sportului, “Valorificarea cercetării științifice în domeniul activităților corporale”, volum editat de CSSR și Institutul Național de Cercetare pentru Sport, București 24 octombrie 2008, ISSN: 1842-4678, pag. 63,
- **Bitang, Viorel** – „Study of joint mobility in swimmers”, National Scientific Conference in the Field of Sport Science, "Valorisation of scientific research in the field of physical activities", volume edited by the CSSR and National Institute for Sport Research, București 24 octombrie 2008, ISSN 1842-4678, pag. 68,
- **Bitang Viorel, Braica Patricia** , “Study on how to spend leisure time by practicing physical exercise and promoting them in tourist units”, Revista Studia Universitatis „Vasile Goldis”, seria Stiinte ingineresti si agro-turism, vol. 6, issue 2, 2011, november, pag.55-62, ISSN 1842-0508, e-ISSN 2067-6034, <http://studia.facultateadeinginerie.ro>
- **Alexandra Patricia Braica, Bitang, Viorel** - „Stages that precede the selection of human resources in tourism units - elements of design, prognosis, planning, analysis and evaluation of the positions”, Revista Studia Universitatis „Vasile Goldis”, seria Stiinte ingineresti si agro-turism, vol. 6, issue 2, 2011, november, pag.62-69, ISSN 1842-0508, e-ISSN 2067-6034, <http://studia.facultateadeinginerie.ro>
- **Bitang Viorel** - „Organizational integration - an essential stage in capitalizing on staff recruitment”, Revista Studia Universitatis „Vasile Goldis”, seria Stiinte economice, Anul 21/2011, Partea a II-a, pag. 135-148, ISSN 1584-2339
- **Bitang Viorel** – „Identifying and assessing organizational culture at Arad city Sports Club”, Studia Universitatis „Vasile Goldis” Arad, Seria Științe Economice, Volumul 1, 2013, ISSN 1584-2339, (online) ISSN: 2285 – 3065, ISSN-L 1584 – 2339, Revistă indexată în bazele de date Internaționale (BDI): DOAJ (Directory of Open Access Journals), ProQuest, CEEOL (Central and Eastern European Online Library),

b. Scientific articles published in specialized journals listed CNCS in category C

- **Bitang, Viorel; Bitang, Andrei** – „Study of speed development strategies for junior swimmers”, *Analele Universității Ovidius Constanta*, Vol. VIII, Seria VIII, Partea A II-a, 2008, ISSN 1234-7359, pp. 54-60, CNCSIS D, cod CNCSIS 29, http://www.cnscis.ro/cenaposs/2007/Arhiva/reviste_cat_D_07.pdf
- **Bitang, Viorel; Bitang, Andrei** – „Introduction of speed training training programs using modern methods and means of preparation for junior swimmers”, *Analele Universității Ovidius Constanta*, Vol. VIII, Seria VIII, Partea A II-a, 2008, ISSN 1234-7359, pp. 82-88, *CNCSIS D*, cod CNCSIS 29,
- **Bitang, Viorel** - „35 years together with SCA Arad”, *Revista "Olimpia" Arad*, 2008, ISSN 1454-9751, pag. 12.
- **Bitang, Viorel** – „The role and effects of swimming in the development of the child and adolescent - positive and negative elements in the prognosis of its further integration into society”, *Revista "Olimpia" Arad* nr. 11, 2007, *Revista "Olimpia" Arad*, nr.11, 2007, ISSN 1454-9751, pp. 43-50
- **Bitang, Viorel** – „Involvement of helping materials and devices in increasing quality and efficiency, *Olimpia Magazine" Arad* nr. 13, 2008, ISSN 1454-9751, pp. 21-25
- **Bitang, Viorel** – „Study on the effectiveness of using motion games in swimming learning”, *Universitatea de Vest "Vasile Goldiș" din Arad, Conferință științifică internațională "Dimensiunea Europeană în Cercetarea Științifică Pluridisciplinară"*, secțiunea „Sport și comportament motric” din cadrul Zilele Academice Arădene, ediția a XIX-a, Arad, 2009, ISBN: 9873-9328-71-2
- **Bitang, Viorel**–„History of Arad Municipal Sports Club”, *Universitatea de Vest "Vasile Goldiș" din Arad, Conferință științifică internațională "Dimensiunea Europeană în Cercetarea Științifică Pluridisciplinară"*, secțiunea „Sport și comportament motric” din cadrul Zilele Academice Arădene, ediția a XIX-a, Arad, 2009, ISBN: 9873-9328-71-2
- **Bitang, Viorel** - „Loisir games practiced in water”, *Vasile Goldiș" University Press, Arad, "Zilele Academice Arădene"*, ediția a XVII-a Arad, 2007, ISBN: 978-973-664-205-0
- **Bitang, Viorel**–„The study of articular mobility as an element of importance for the achievement of the motor profile in the first-to-fourth class swimmers in the special swimming schools”, *Vasile Goldiș" University Press, Arad, Zilele Academice Arădene*, ediția XI – a, 2001, ISBN: 973-9328-72-2
- **Bitang, Viorel** – „Ways and means to prepare joggers, juniors 2”, „*Vasile Goldiș" University Press, Arad, Zilele Academice Arădene*, ediția X – a 17 a, 2000, ISBN: 973-9328-69-5
- **Bitang, Viorel** – „Considerations on the opportunities offered by the new Law of Physical Education and Sport for the development of the sports field”, *Vasile Goldiș" University Press, Arad, Zilele Academice Arădene*, ediția X – a 2000, ISBN: 973-9328-69-5
- **Bitang, Viorel** – „The study on the effectiveness of using aids in swimming learning”, *Zilele Academice Arădene*, ediția VIII – a, *Vasile Goldiș" University Press Arad*,1998, ISBN: 973-9328-22-1
- **Bitang, Viorel** – „Appreciation of the general intensity of the effort in the training of the swimmers during the training period, means of efficiency in the training

process”, Zilele Academice Arădene, ediția VII – a, Vasile Goldiș” University Press, Arad, 1997, ISBN: 973-9328-18-5

- **Bitang, Viorel** – „Algorithmization of inventory of means for speed training of swimmers 12-14 years (juniors II)”, Vasile Goldiș” University Press, Arad, Zilele Academice Arădene, ediția VI – a, 1996, ISBN: 973-9328-14-2
- **Bitang, Viorel** – „History of Arad swimming”, Zilele Academice Arădene, ediția IV, Vasile Goldiș” University Press, Arad 1994, ISBN: 973-9328-11-1

c. Scientific articles published in the volumes of international conferences

- **Bitang Viorel-Bitang Andrei** - „Ways and means to learning swimming in pools with different depths”, „ARENA – Journal of Physical Activities”, Nr. 5/2016, ISSN 2392 - 8026(Online); ISSN-L 2285 - 830X
- Tusz, Francisc; Bitang, Viorel – „System of organizing and functioning of sport Aradan”, “Arad megye utánpótlás rendszerének felépítése és működése”, „Tudomány a Sportoló Nemzetért”, Budapesta Ungaria, 2007, ISBN 978-963-87701-0-3, pag. 86
- **Viorel Bitang** - “Arad rowing, past, present and future” ” – Studia Universitatis „Vasile Goldiș”, Seria educație fizică și kinetoterapie (physical education and physical therapy series, Volumul 1 - Number 3/2013, Revistă indexată în Bazele de Date Internaționale (BDI): Index Copernicus International și Scipio, ISSN 2284-7324, ISSN-L 2284-7324, <http://www.uvvg.ro/ro/reviste2/378-studia-universitatis-vasile-goldis-seria-educatie-fizica-si-kinetoterapie.html>
- **Viorel Bitang, Andrei Bitang** - „Arad table tennis past, present and future”– Studia Universitatis „Vasile Goldiș”, Seria educație fizică și kinetoterapie (physical education and physical therapy series, Volumul 1 - Number 1, 2012, Revistă indexată în bazele de date Internaționale (BDI): Index Copernicus International și Scipio, ISSN 2284-7324, ISSN-L 2284-7324, <http://www.uvvg.ro/ro/reviste2/378-studia-universitatis-vasile-goldis-seria-educatie-fizica-si-kinetoterapie.html>
- **Bitang Viorel, Dulceanu Corina**, 2014: „Computer simulation as factor for improving speed at juniors swimmers”, Proceedings of The 5th International Scientific Conference „Achievements and prospects in the field of physical education and sports within the interdisciplinary European education system,, nr. 4/2014, ISSN 2069- 2269, pg. 54, Bacău;
- **Dulceanu Corina, Viorel Bitang**, 2013: „Development study reaction rate in the 100 and 200 meters flat in juniors”, Proceedings of 6th Annual International Conference Physical Education Sport and Health, Pitesti, Series Publication Title: Scientific Report Physical Education and Sport, Conference Proceedings vol 17 (1/2013), Part I, ISSN 1453-1194, www.sportconference.ro, pg. 246-250;

IV. PARTICIPATION IN NATIONAL AND INTERNATIONAL CONFERENCES

- Tusz, Francisc; Bitang, Viorel – „System of organizing and functioning of sport Aradan”, “Arad megye utánpótlás rendszerének felépítése és működése”, „Tudomány a Sportoló Nemzetért”, Budapesta Ungaria, 2007, ISBN 978-963-87701-0-3, pag. 86
- **Viorel Bitang** - “Arad rowing, past, present and future” – Studia Universitatis „Vasile Goldiș”, Seria educație fizică și kinetoterapie (physical education and physical therapy series, Volumul 1 - Number 3/2013, Revistă indexată în Bazele de Date Internaționale (BDI): Index Copernicus International și Scipio, ISSN 2284-7324, ISSN-L 2284-7324, <http://www.uvvg.ro/ro/reviste2/378-studia-universitatis-vasile-goldis-seria-educatie-fizica-si-kinetoterapie.html>
- **Viorel Bitang, Andrei Bitang** - „Arad table tennis past, present and future”– Studia Universitatis „Vasile Goldiș”, Seria educație fizică și kinetoterapie (physical education and physical therapy series, Volumul 1 - Number 1, 2012, Revistă indexată în bazele de date Internaționale (BDI): Index Copernicus International și Scipio, ISSN 2284-7324, ISSN-L 2284-7324, <http://www.uvvg.ro/ro/reviste2/378-studia-universitatis-vasile-goldis-seria-educatie-fizica-si-kinetoterapie.html>
- **Bitang, Viorel; Bitang, Andrei** – „Study of speed development strategies for junior swimmers”, Analele Universității Ovidius Constanta, Vol. VIII, Seria VIII, Partea A II-a, 2008, ISSN 1234-7359, pp. 54-60, CNCSIS D, cod CNCSIS 29, http://www.cncsis.ro/cenaposs/2007/Arhiva/reviste_cat_D_07.pdf
- **Bitang, Viorel; Bitang, Andrei** – „Introduction of speed training programs using modern methods and means of preparation for junior swimmers”, Analele Universității Ovidius Constanta, Vol. VIII, Seria VIII, Partea A II-a, 2008, ISSN 1234-7359, pp. 82-88, CNCSIS D, cod CNCSIS 29,
- **Bitang, Viorel** – „Study on the effectiveness of using motion games in swimming learning”, Revista “Știința Sportului”, nr. 2, 2009, ISSN-1453-018X, CNCSIS B, cod CNCSIS 123, http://www.cncsis.ro/cenaposs/2009/rev_ed/reviste_cat_B.pdf
- **Bitang, Viorel** – „Study of the development of motor skills and training methods in swimmers”, Revista “Știința Sportului”, nr. 3, 2009, ISSN-1453-018X, CNCSIS B, cod CNCSIS 123 http://www.cncsis.ro/cenaposs/2009/rev_ed/reviste_cat_B.pdf
- **Bitang, Viorel** – „The study of the effectiveness of motion games in speed development in gymnasium students”, Revista “Știința Sportului”, nr. 4, 2009, ISSN-1453-018X, CNCSIS B, cod CNCSIS 123,
- **Bitang, Viorel; Ignat, Constantin** – „Study on a new computer-assisted method for developing speed in junior swimmers”, Conferința Științifică Națională în Domeniul Științei Sportului, “Valorificarea cercetării științifice în domeniul activităților corporale”, volum editat de CSSR și Institutul Național de Cercetare pentru Sport, București 24 octombrie 2008, ISSN: 1842-4678, pag. 63,
- **Bitang, Viorel** – „The Study of Joint Mobility in Children's Swimming, the National Scientific Conference in the Field of Sport Science”, “Valorisation of scientific research in the field of physical activities”, volume edited by the CSSR and the National Research Institute for Sport, București 24 octombrie 2008, ISSN 1842-4678, pag. 68,

V. RESEARCH PROJECTS BASED ON CONTRACT / GRANT

- Grant member "Exploration of the integrative biological system involved in maximal muscle effort", 4-HEALTH research field, CNMP contract no. 42159 / 01.10.2008, PROGRAM 4, PARTNERSHIP IN PRIORITY AREAS. worth 211,000250 lei
- Member of the "Interreg III a / Phare CBC Hungarian - Romanian Cross Border Co-operation Program for the 2004-2006 Program", "Interreg III A Magyar Roman hataron atnyulo egyutmikodei program 2004 - 2006", Hatarmenti egyutt mukodes az uszosporter nr. project HU-RO SCG 06/02, no. registration number HU-RO 0602/118, -1.06.2007-31.05.2008.
- Member of the project "HUNGARY-ROMANIA PHARE CBC CROSS-BORDER CO-OPERATION PROGRAM 2007-2013", number HURO0801.

Data
30.06.2018

Semnatura

Prof.univ.dr. Bitang Viorel