

Curriculum vitae Europass



Personal information

Surname(s) / First name(s) **Ştirbu Ilie - Cătălin**

Address Str. Grădinari, Nr. 14, Bl. F 1-2, lassy, Romania

Telephone Mobil:0040722240820

Fax

E-mail <u>freecata2003@yahoo.com, cstirbu@uaic.ro</u>.

Nationality romanian

Date of birth 15.06.1973

Gender male

Work experience

Dates 2024 - present

Occupation or position held Volleyball Headcoach to CSM lasi 2020, Romania, A2 League

Main activities and responsibilities Volleyball Headcoach

Name and address of employer CSM lasi 2020

Type of business or sector Volleyball Coaching

Dates **2024**

Occupation or position held Volleyball Headcoach to Stiinta Bacau (First League Pro)

Main activities and responsibilities Volleyball HeadCoach

Name and address of employer Stiinta Bacau

Type of business or sector Volleyball Coaching

Dates 2023

Occupation or position held General Manager at BRIZO Beachvolleyball Tournament Romanian National Championship (seniors

and juniors)

Main activities and responsibilities Management

Name and address of employer Rudali Club & Romanian Volleyball Federation.

Type of business or sector Management.

Dates 2022 - present

Occupation or position held Head coach to HV Junior lasi U17 Team

Main activities and responsibilities Volleyball Head Coach

Name and address of employer HV Junior lasi

Type of business or sector Volleyball Coaching

Dates **2022**

Occupation or position held Team Manager Romanian National Team U 18.

Main activities and responsibilities Management

Name and address of employer Romanian Volleyball Federation.

Type of business or sector Management.

Dates **2022**

Occupation or position held General Manager at BRIZO Beachvolleyball Tournament Romanian National Championship

Main activities and responsibilities Management

Name and address of employer Rudali Club & Romanian Volleyball Federation.

Type of business or sector Management.

Dates 2021

Occupation or position held General Manager at BRIZO Beachvolleyball Tournament Romanian National Championship

Main activities and responsibilities Management

Name and address of employer Rudali Club & Romanian Volleyball Federation.

Type of business or sector Management.

Dates 2021

Occupation or position held

Main activities and responsibilities

Name and address of employer

Name and address of employer

Invited lecturer - coaches courses organized from Romanian Volleyball Federation

Teaching https://frvolei.eu/anunturi-antrenori/cursuri-de-perfectionare-antrenori-2021/

Romanian Volleyball Federation

Type of business or sector

Teaching and coaching activity

Dates 2021-2022

Occupation or position held Volleyball Head Coach CSM Focşani 2007, Romania, A2 level Main activities and responsibilities Volleyball Head Coach

Name and address of employer

Type of business or sector

Volleyball coaching

Dates 2021-2022

Occupation or position held Volleyball Head Coach CSS Focşani, Romania, Juniors

Main activities and responsibilities Volleyball Head Coach

Name and address of employer CSS Focşani

Type of business or sector Volleyball coaching

Dates 2021-present

Occupation or position held Member of Technical Coaches Comission – Romanian Volleyball Federation

Main activities and responsibilities Technical Comission

Name and address of employer

Type of business or sector

Romanian Volleyball Federation

Romanian volleyball strategy.

Dates 2018

Occupation or position held Associate Professor PhD.

Main activities and responsibilities Teaching hours: Volleyball – tehnics and tactics. Youth physical training.

Name and address of employer University ISMAI, Porto, Portugal.

Type of business or sector Teaching and research activities in Erasmus Programme.

Dates **2018**

Occupation or position held Associate Professor PhD.

Main activities and responsibilities

Teaching hours: Volleyball – tehnics and tactics.

Name and address of employer

Givat Washington Academic College, Israel.

Type of business or sector Teaching and research activities in Erasmus + Programme.

Dates **2017**

Occupation or position held Assistant Coach Romania National Team U 19

Main activities and responsibilities Volleyball coach

Name and address of employer Romanian Volleyball Federation.

Type of business or sector Volleyball coaching.

Dates 2017

Occupation or position held Associate Professor PhD.

Main activities and responsibilities Teaching hours: Volleyball – tehnics and tactics.

Name and address of employer Givat Washington Academic College, Israel.

Type of business or sector Teaching and research activities in Erasmus + Programme.

Dates 2017

Occupation or position held Associate Professor PhD.

Main activities and responsibilities Teaching hours: Volleyball – tehnics and tactics. Youth physical training.

Name and address of employer University ISMAI, Porto, Portugal.

Type of business or sector Teaching and research activities in Erasmus Programme.

Dates 2016

Occupation or position held Associate Professor PhD.

Main activities and responsibilities Teaching hours: Volleyball – tehnics and tactics, Physical training in volleyball.

Name and address of employer University of Thessaloniki, Greece.

Type of business or sector Teaching and research activities in Erasmus Programme.

Dates 2016

Occupation or position held Associate Professor PhD.

Main activities and responsibilities Teaching hours: Volleyball – tehnics and tactics.

Name and address of employer University ISMAI, Porto, Portugal.

Type of business or sector Teaching and research activities in Erasmus Programme.

Dates 2016 - 2020

Occupation or position held Member of the Senate at University "Al. I. Cuza" lasi, Romania.

Name and address of employer University "Al.I.Cuza" lasi, Faculty of Physical Education and Sport, str. Toma Cozma, nr. 3,

Romania.

Type of business or sector Academic representation.

Dates **2016**

Occupation or position held Volleyball Headcoach UNIC Piatra Neamt – Romania (First League Women Team)

Main activities and responsibilities Volleyball Headcoach

Name and address of employer UNIC Piatra Neamt, Romania.

Type of business or sector Volleyball coaching (Pro Level).

Dates 2015

Occupation or position held Associate Professor PhD.

Main activities and responsibilities Teaching hours: Volleyball – tehnics and tactics

Name and address of employer Akademia Wychowania Fizycznego of Krakow, Poland.

Type of business or sector Teaching and research activities in Erasmus Programme.

Dates **2013**

Occupation or position held Associate Professor PhD.

Main activities and responsibilities Teaching hours: Volleyball – tehnics and tactics

Name and address of employer University "Al.I.Cuza" lasi, Faculty of Physical Education and Sport, str. Toma Cozma, nr. 3,

Romania.

Type of business or sector Teaching and research activities.

Dates 2013 - 2015

Occupation or position held Volleyball headcoach A.C.S. Stiinta Miroslava lasi (Second League in Romania, promovate in First

League), Romania.

Main activities and responsibilities Team A.C.S. Stiinta Miroslava.

Name and address of employer Headcoach team A.C.S. Stiinta Miroslava, Second League in Romania.

Type of business or sector Volleyball coaching (pro level).

Dates **2013**

Occupation or position held Lecturer PhD.

Main activities and responsibilities Teaching hours: Volleyball – tehnics and tactics

Name and address of employer University of Thessaloniki, Greece.

Type of business or sector Teaching and research activities in Erasmus Programme.

Dates 2011 - 2015

Occupation or position held Member of the Senate at University "Al. I. Cuza" lasi, Romania.

Name and address of employer University "Al.I.Cuza" lasi, Faculty of Physical Education and Sport, str. Toma Cozma, nr. 3,

Romania.

Type of business or sector Academic representation.

Dates **2011**

Occupation or position held Lecturer PhD. and volleyball headcoach of "A.C.S. Penicilina" lasi (First League in Romania).

Main activities and responsibilities Volleyball training exchange.

Name and address of employer VFB Friedrichshafen (the winner of Volleyball Champions League), Germany.

Type of business or sector Training and scientific exchange in the field of volleyball.

Dates **2010**

Occupation or position held Volleyball headcoach A.C.S. Penicilina Iaşi (First League in Romania), Romania.

Main activities and responsibilities Team A.C.S. Penicilina lasi, str. Teodor Burada, nr. 5.

Name and address of employer Headcoach team A.C.S. Penicilina lasi, First League in Romania.

Type of business or sector Volleyball coaching (pro level).

Dates **2010**

Occupation or position held Lecturer PhD.

Main activities and responsibilities Teaching hours: Applied mathematics in volleyball

Name and address of employer University of Groningen, Holland.

Type of business or sector Teaching and research activities in Erasmus Programme.

Dates 2010

Occupation or position held Lecturer PhD.

Main activities and responsibilities
Conference and volleyballtraining

Name and address of employer Wingate Institute - Israel

Type of business or sector Trainingseminar with volleyball coaches and volleyballtraining.

Dates 2010

Occupation or position held Lecturer PhD.

Main activities and responsibilities Conference and volleyballtraining

Name and address of employer Academic College of Education Givat Washington - Israel

Type of business or sector Trainingseminar with volleyball coaches and volleyballtraining.

Dates 2009

Occupation or position held Lecturer PhD.

Main activities and responsibilities Teaching hours: Sport Management and Ageing

Name and address of employer University of Groningen, Holland.

Type of business or sector Teaching and research activities in Erasmus Programme.

Dates 2008

Occupation or position held Volleyball Coach

Main activities and responsibilities Volleyball: Technical Director, Teaching hours, Trainingseminar and Training Camp

Name and address of employer Steinkjer and Stod Volley Club, Norway.

Type of business or sector Trainingseminar with volleyball trainers and volleyballtraining.

Dates 2008

Occupation or position held Lecturer Ph.D

Main activities and responsibilities Teaching hours: Sport Management

Name and address of employer University of Groningen, Holland.

Type of business or sector Teaching and research activities in Erasmus Programme.

Dates 2008

Occupation or position held Volleyball Coach

Main activities and responsibilities Teaching hours: Volleyball

Name and address of employer Gloeshaugen Trondheim, Steinkjer and Stod Volley Club, Norway.

Type of business or sector Volleyball training.

Dates 2007

Occupation or position held Lecturer Ph.D

Main activities and responsibilities Teaching hours: Volleyball, Beach-volleyball Name and address of employer Universite "Sophia Antipolis" Nice, France.

Type of business or sector Teaching and research activities in Erasmus Programme.

Dates 2006

Occupation or position held Assistant

Main activities and responsibilities Teaching hours: Volleyball, Beach-volleyball.

Name and address of employer "Albert - Ludwigs" Universitat Freiburg, Institut für Sport und Sportwissenschaft, Deutschland.

Type of business or sector Teaching and research activities in Socrates Programme.

Dates 1996 -2006

Occupation or position held Assistant

Main activities and responsibilities Volleyball

Name and address of employer University Al.I.Cuza lassy, Faculty of Physical Education and Sport, str. Toma Cozma, nr. 3.

Type of business or sector Teaching and research activities.

Dates 2002-2003

Occupation or position held Volleyball headcoach

Main activities and responsibilities Team Penicilina lasi (First League in Romania), str. Teodor Burada, nr. 5.

Name and address of employer Headcoach team Penicilina Iasi, First League in Romania

Type of business or sector Volleyball coaching (Pro level).

Education and training

2013

Volleyballcoaching licence (First Pro Level) Romanian Volleyball Federation

Dates

2010

Volleyball choaching courses (pro level) Romanian Volleyball Federation

2008

Title of qualification awarded Name and type of organization providing education and training Volleyball coaching courses (pro level) Romanian Volleyball Federation

2006

Teaching activities in the field of volleyball Romanian Volleyball Federation.

2005

Ph.D. "Psihology and Education Sciences" University "Al. I. Cuza" lassy. Doctorate

1999 - 2001

Master "Management in Sport" University "Al. I. Cuza" lassy. Master

1997

Volleyballcoaching Licence Romanian Volleyball Federation

1996

Volleyball reffree licence Romanian Volleyball Federation.

1992 - 1996

Bachelor in Physical Education and Sport University "Al. I. Cuza" lassy, Faculty of Physical Education and Sport.

Personal skills and competences

Mother tongue(s)

Other language(s)

Romanian

Self-assessment
European level
Language French

Language English

| Understanding | | | Speaking | | | | Writing |
|---------------|-----------|--------------------|----------|-------------------|------|--|---------|
| Listening | Reading | Spoken interaction | | Spoken production | | | |
| Very good | Very good | | Good | | Good | | Good |
| Good | Good | | Good | | Good | | Good |

Social skills and competences

Leisure activities, activities with the students.

Organisational skills and competences

Organization of competitions under the aegis of the Romanian Federation Sports for All Organization of sport events in AIESEC (International Association of Economics Students) Holding meetings sport (competition) between the volleyball teams from the Science faculties and universities.

Member of the organizing committee of the Sports Festival "Be Sport".

Member of the organizing team of Stand FEFS offer Bachelor and Master of Education

Computer skills and competences Training courses Microsoft Office, Power Point.

I attended the "Course-independent active lifestyle for people with disabilities" 2009

Other skills and competences

- Director of Erasmus + (BIP) Project: **The power of sport: a project for active and health living** (2025)
- Monitoring responsible in project "Cross-border cooperation for common needs: Health, Environment, Sport HES" CODE MIS-ETC: 946 /2011
- Member in project "Practical training and activities to stimulate the labor market insertion for students and graduates" (POSDRU/22/2.1/G/31367)
- Member in International Project "Los niveles de actividad física desarrollados por las poblaciones de estos países desde los 8-10 años hasta los 23-24 (desde Primaria a Universidad) y relacionar estos niveles con las variables influyentes"- DEPARTAMENTO DE EDUCACIÓN FÍSICA Y DEPORTIVA UNIVERSIDAD DE GRANADA
- Member of committee for evaluating projects at the university.
- Member of the commission license, and obtaining appointment as didactic degree in education. Research team member on "Design and development of educational software in physical education and sport" no. 68, the CNCSU,

Associate of French Cultural Centre,

Tennis, Beach Volley, Windsurfing, Roller-skating.

Driving licence

В

Prizes

- Gold Medal Turnoi European Universitaire Lille 2013 (France) volleyball.
- Gold Medal, Morroco International Innovation Competition, ENSA, Kenitra, Morroco, 2017;
- Gold Medal, International Invention Innovation Competition in Canada, Toronto International Society of Innovation & Advanced Skills, 2017;
- Gold Medal International Innovation Competition "KOREA CYBER INTERNATIONAL GENIUS INVENTOR FAIR", CIGIF 2012, SEUL, KOREA, noiembrie 2012.
- Best invention of Europe International Exhibition INPEX, Pittsburg, PA USA, 2012.
- Gold Medal International Innovation Competition PRO INVENT, 2010, Cluj Napoca. (Halocameră artificială statică pentru multipli utilizatori).
- Gold Medal International Innovation Competition PRO INVENT, 2010, Cluj Napoca. (Halocameră artificială dinamică pentru multipli utilizatori).
- Gold medal International Innovation Competition "INVENTICA 2010", lasi.
- Gold Medal International Innovation Competition, Sevastopol, Ukraine, 2010.
- The Big Prize International Innovation Competition Archimed 2010, Moscova, Rusia.
- Special Award Zagreb Inventors Association, 2010.
- Silver Medal International Innovation Competition "EUROINVENT 2010" (Halocameră artificială statică), Iasi, Romania.
- Silver Medal International Innovation Competition "EUROINVENT 2010" (Halocameră artificială dinamică)lasi, Romania.
- Gold Medal International Innovation Competition "TERA TEHNOPOLIS", Zagreb, Croatia 2010. (Static salt halochamber).
- Gold Medal International Innovation Competition "TERA TEHNOPOLIS", Zagreb, Croatia 2010. (Dynamic salt halochamber).
- Bronze Medal International Innovation Competition "INOVA", Zagreb, Croatia, 2009.
- "Best delegation Exhibition (România)" International Innovation Competition "INOVA", Zagreb, Croatia, 2009.
- Silver Medal International Innovation Competition "INFOINVENT", Chişinău, Rep. Of Moldavia, 2009.

Listă de lucrări

Conf. dr. Știrbu Ilie-Cătălin

- C. ŞTIRBU, C. M. STIRBU, I. SANDU, *Impact Assessment of Saline Aerosols on Exercise Capacity of Athletes*, PROCEDIA SOCIAL AND BEHAVIORAL SCIENCES, Elsevier (ISSN 1877-0428), **46**, 2012, pp. 4141-4145, Impact Factor = 0.292.
- **Ştirbu I.C.,** Petrea R.G., Moraru C.E., Popovici I.M., Radu L.E., Chirazi M., Rus C.M., Oprean A., Rusu O.M. (2023). Influences of Psychomotor Behaviors on Learning Swimming Styles in 6–9-Year-Old Children. Children. 10(8):1339. https://doi.org/10.3390/children10081339 WOS:001106708100001, IF=2,4
- **Ştirbu Ilie-Cătălin**, Ionite Catalin, Stirbu Catalina, Condurache Iustina, Rotariu Mariana, *Traumatology and functional recovery of the shoulder specific to the game of Volleyball*, Romanian Association of Balneology, eISSN 2734-8458, http://bioclima.ro/Journal.htm, DOI 10.12680/balneo.2022.531, ISI Emerging Sources Citation Index, 2022, 13(4): article number: 531 (IF 1.5), http://bioclima.ro/Balneo531.pdf
- **ŞTIRBU I.C.,** ŞTIRBU C.M., *Benefits of salin aerosols in improving the quality of life,* Proceedings of the 4th International Conference of the Universitaria Consortium, Iaşi, România, 2019, WOS: 000474444100054, ISBN: 978-88-87729-54-2. https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=C58H4Wn4bbCg723xG17&page=1&doc=2
- **ŞTIRBU I.C.,** ROHNEAN A.I., *Statistical methods of analysis of the volleyball game,* Proceedings of the 4th International Conference of the Universitaria Consortium, Iași, România, 2019, WOS: 000474444100054, ISBN: 978-88-87729-54-2. https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=C58H4Wn4bbCg723xG17&page=1&doc=1
- **Știrbu I.C.,** Știrbu C.M. **STUDY ON VICES AND FACTORS THAT NEGATIVELY INFLUENCE SPORTS PERFORMANCE**, BULETINUL INSTITULUI POLITEHNIC DIN IAȘI, Publicat de Universitatea Tehnică "Gheorghe Asachi" din Iași, Volumul 70 (74), Numărul 3-4, 2024, Secția ȘTIINȚE SOCIO-UMANE.
- Știrbu I.C., Știrbu C.M. THE IMPORTANCE OF USING MENTAL TRAINING TECHNIQUES IN THE POST-TRAUMATIC TRAINING AND RECOVERY OF ATHLETES, BULETINUL INSTITULUI POLITEHNIC DIN IAȘI, Publicat de Universitatea Tehnică "Gheorghe Asachi" din Iași, Volumul 70 (74), Numărul 3-4, 2024, Secția ȘTIINȚE SOCIO-UMANE.
- **Ştirbu Ilie Cătălin**, Stirbu Catalina, Szabo-Alexi Mariana, Szabo-Alexi Paul, Mihaescu Catalin, *COMPARATIVE STUDY ON ANALYSIS OF THE VOLLEYBALL TEAM SERVICE*, Analele Universității din Oradea Fascicula Educație Fizică și Sport, eISSN 2286 2870, volum XXXII, 2022.
- https://www.fefs.uoradea.ro/Fascicula_Educatie_Fizica_si_Sport/2022/3.FEFS_2022_Szabo.pdf

- **Știrbu C.,** Patsiaouras A. Assessing Resilience in Youth (U16) Volleyball National Teams, International Journal of PHYSICAL EDUCATION, FITNESS AND SPORTS, 2022, DOI: https://doi.org/10.34256/ijpefs2036
- **I.C. Știrbu,** C.M. Știrbu *Study of the use of ways to prevent injuries in volleyball*, Buletinul Institutului Politehnic din Iași, vol. 66(70), nr.3-4/2020 ISSN: 2537-2947 ISSN-L: 0254-7104.
- **I.C. Ştirbu**, C.M. Ştirbu *Study on improving skills by specific ways and methods in volleyball for freshmen*, Buletinul Institutului Politehnic din Iaşi, vol. 66(70), nr.3-4/2020, ISSN: 2537-2947 ISSN-L: 0254-7104.
- **ŞTIRBU I. C.**, Rohnean A. I., Ştirbu C. M., Statistical methods of analysis on the distribution of setting passes in volleyball using the application ProVBallStat 2.0, 12th EUROPEAN EXIBITION OF CREATIVITY AND INNOVATION, 2020. http://www.euroinvent.org/cat/EUROINVENT_2020.pdf, pag. 443. ISSN Print: 2601-4564 Online: 2601-4572
- **ŞTIRBU I. C.**, Rohnean A. I., Ştirbu C. M., *Electronic application of organizing a beachvolleyball tournament*, 12th EUROPEAN EXIBITION OF CREATIVITY AND INNOVATION, 2020.

http://www.euroinvent.org/cat/EUROINVENT_2020.pdf , pag. 443. ISSN Print: 2601-4564 Online: 2601-4572

- **ŞTIRBU I.C.**, SANDU.I., ŞTIRBU C.M., SANDU I.C., VASILACHE V., SANDU A.V., ANTONOVICI M.O. *Noi halocamere artificiale pentru activități sportive,* EUROINVENT INTERNATIONAL WORKSHOP, ISSN 2668-3229; ISSN-L 2668-3229; ISBN 978-606-13-4953-1, 2019, Pp 291-312.
- **ŞTIRBU I.C.,** URSACHE A., *The use of exercises and preparatory games from volleyball for development of motor capacity for pupils against 9-10 years*, the 4th International Conference of the Universitaria Consortium, Iași, România, 2019. https://doi.org/10.36836/UAIC/FEFS/10.18
- **ŞTIRBU I.C.,** ROHNEAN A.I, ŞTIRBU C.M. *Study on the distribution of setting passes using the application ProVBallStat 2.0,* International Conference of the Universitaria Consortium, Cluj Napoca, 2019.
- **ŞTIRBU I. C.**, ROHNEAN A. I., ŞTIRBU C. M., Statistical methods of analysis in volleyball (ProVBallStat 1.1), 11th EUROPEAN EXIBITION OF CREATIVITY AND INNOVATION, 2019.
- **ȘTIRBU I. C.**, ROHNEAN A. I., ȘTIRBU C. M., *Electronic application of organizing sport competitions*, 11th EUROPEAN EXIBITION OF CREATIVITY AND INNOVATION, 2019.
- **ŞTIRBU I.C.**, Ştirbu C.M., SPORT FOR ALL HEALTH AND LEISURE, 8th LUMEN International Conference RSACVP 2017, Suceava, ISBN 978-1-910129-09-8, pag. 416-417.

- **ŞTIRBU I**.C., Ştirbu C.M., PHYSICAL ACTIVITY IN NATURE BEING IN THE CONTEXT OF MOVEMENT EDUCATION, 4th international Conference ESH 2017, Chişinău, Republic of Moldova. http://lumen.international/esh2017/wp-content/uploads/2017/09/Program 4th CEE LUMEN ESH2017.pdf
- .C. ŞTIRBU, C.M. Ştirbu *Study of the use of ways to prevent injuries in volleyball*, Buletinul Institutului Politehnic din Iaşi, vol. 66(70), nr.3-4/2020.
- **ŞTIRBU I.C.,** URSACHE A., The use of exercises and preparatory games from volleyball for development of motor capacity for pupils against 9-10 years, the 4th International Conference of the Universitaria Consortium, Iași, România, 2019.
- **ȘTIRBU I.C.,** ROHNEAN A.I, ȘTIRBU C.M. Study on the distribution of setting passes using the application ProVBallStat 2.0, International Conference of the Universitaria Consortium, Cluj Napoca, 2019.
- **ȘTIRBU I. C.**, Știrbu C. M. *IMPROVING THE SERVE EFFICIENCY IN VOLLEYBALL USING TAI CHI-QI GONG ORIENTAL TECHNIQUES*, Buletinul Institutului Politehnic Iași, Secția Științe Socio-Umane, Vol. 64 (68), nr. 3-4, 2018
- **ȘTIRBU, Cătălin Ilie**; ȘTIRBU, Cătălina Mihaela. EXTREME SPORTS FORMS OF PHYSICAL EXERCISE IN THE NATURE. **GYMNASIUM**, [S.l.], v. XV, n. 1, aug. 2017. ISSN 2344-5645.- http://gymnasium.ub.ro/index.php/journal/article/view/194
- **Știrbu I.** C., Puni R. RESEARCH ON THE POINT SERVICE EFFICIENCY IN A FEMININE VOLLEYBALL TEAM (PENICILINA IAȘI, A1 DIVISION, 2009-2010 SEASON), 2011, Sport și Societate. Revista de Educație Fizică, Sport și Științe Conexe, p-ISSN 1582-2168, URL http://www.sportsisocietate.ro
- **Știrbu I.** C., Andone, L -STAGGERING MEANS DRIVING UNDER THE ANNUAL PLAN FOR ADVANCED LEVEL TRAINING FOR GROUPS (ATHLETICS,) 2011, Sport și Societate. Revista de Educație Fizică, Sport și Științe Conexe, p-ISSN 1582-2168, URL http://www.sportsisocietate.ro
- **Știrbu I.** C., Sterimbaum P. PHYSICAL EDUCATION AND SPORT IN THE SOCIAL-NATIONAL CONDITIONS IN ISRAEL, 2010, Sport și Societate. Revista de Educație Fizică, Sport și Științe Conexe, p-ISSN 1582-2168, URL http://www.sportsisocietate.ro
- **Ştirbu I.** C., Ştirbu C. M. STUDY REGARDING THE PERFECTION OF DOWN, SERVICE AND ATTACK TAKEOVER IN VOLLEYBALL, 2009, Sport şi Societate. Revista de Educație Fizică, Sport şi Ştiințe Conexe, p-ISSN 1582-2168, URL http://www.sportsisocietate.ro
- **Știrbu I. C.,** Gafița O. RESEAUX DES NEURONES ARTIFICIELS APPLIQUES DANS LE JEU DE VOLLEYBALL , 2009, Sport și Societate. Revista de Educație Fizică, Sport și Științe Conexe, p-ISSN 1582-2168, URL http://www.sportsisocietate.ro
- Neculăieș M., **Ştirbu I. C.** -"MUSCLE STRENGTH TESTING WAYS IN SPE AND SPI PARALYSES FOLLOWING HERNIATED DISCS", Sport Medicine Journal, Craiova, 2009, ISSN 1841-0162,(http://www.medicalbookmarks.org.uk/qt261.htm)

Știrbu I. C. - "INFLUENCIA DE LA AF, BMI Y GÉNERO SOBRE EL COMPONENTE MENTAL Y FÍSICO DE LA CALIDAD DE VIDA EN ESCOLARES ESPAÑOLES", Rev. Scientia, Espana, ISSN 1989-7375, 2009.

Cărți publicate:

- Știrbu I. C. "Formarea deprinderilor sportive la elevii de gimnaziu utilizând jocurile de mișcare", Editura Pim, Iași, 2007, ISBN 973-716-780-5 (195 pagini, unic autor)
- **ȘTIRBU Ilie-Cătălin,** Cătălina Mihaela ȘTIRBU, Ion SANDU, Andrei Victor SANDU, Aerosolii salini în îmbunătățirea performanței sportivilor, Editura Univ. Al. I. Cuza Iași, (ISBN: 978-606-714-179-5), 2015, 330p.
- **Știrbu, I.C.**, Știrbu C.M. Strategii de organizare a unei competiții sportive majore, Ed. Risoprint, Cluj-Napoca, 2023, ISBN 978-973-53-3150-4.
- Rus C.M. (coord.), **Știrbu I.C., -** *Pentru profesorul de Educație Fizică și Sport*, Editura Universității Al. I. Cuza din Iași, 2010, ISBN 978-973-703-551-6
- **ȘTIRBU I.C.**, URSACHE V.A., *Utilizarea exercițiilor și jocurilor pregătitoare din volei pentru dezvoltarea capacităților motrice la elevii cu vârste între 9-10 ani*, Ed. Tehnopress, ISBN 978-606-687-328-4, Iași, 2017.
- **Știrbu I. C. "Voleiul în școală",** Editura Tehnopress, Iași, 2010, ISBN 978-973-702-751-1. (241 pagini, unic autor)
- **Știrbu I. C.,** Știrbu C.M. "Sportul pentru Toți și Mișcarea Olimpică", Editura Tehnopress, Iași, 2009, ISBN 973-702-736-1. (183 pagini, prim autor)
- **Știrbu I. C.**, Puni R. **-"Tehnica jocului de volei"**, Editura Tehnopress, Iași, 2009, ISBN 973-702-738-8. (131 pagini, prim autor)
- **Știrbu I. C.** "Jocurile Olimpice mijloc de manipulare și represiune politică", Editura Performantica, Iași, 2006, ISBN 973-730-085-8. (132 pagini, unic autor)
- **Știrbu I. C.**, Braharu O. "**Volei pentru Toți**", Casa de Editură Venus, Iași, 2001, ISBN 973-8174-24-4, (122 pagini, prim autor).
- **Știrbu I. C.**, Radu A. "**Streetball simplu, eficient, distractiv**", Casa de Editură Venus, Iași, 2001, ISBN 973-8174-17-1, (112 pagini, prim autor).
- Știrbu I. C. "Volei regulament comentat adaptat pentru școlile din România (gimnaziu)", supliment la Analele Universității, Iași, ISSN 1224-2276, prim autor.(50 pagini)

Brevete Inventie:

Sandu Ioan Gabriel, Sandu Ion, Sandu Andrei Victor, Vasilache Viorica, Vizureanu Petrica, Earar Kamel, Stirbu Catalina Mihaela, Crisan Dabija Radu Adrian, Chirazi Marin, **Stirbu**

- Catalin, Drob Ana, Balan Gheorghe, Honceriu Cezar, *Dispozitiv pentru generarea nanoaerosolilor salini*, Dosar OSIM A00046/12.02.2021
- Sandu Ioan Gabriel, Sandu Ion, Sandu Andrei Victor, Vasilache Viorica, Vizureanu Petrica, Earar Kamel, Stirbu Catalina Mihaela, Crisan Dabija Radu Adrian, Chirazi Marin, **Stirbu Catalin**, Drob Ana, Balan Gheorghe, Honceriu Cezar, *Dispozitiv pentru generarea continua a solionilor bioactivi*, Dosar OSIM A00044/12.02.2021.
- **Știrbu I.C.**, Sandu I., Știrbu C. M., Sandu A.V., Brevet de invenție, nr. 126284, OSIM, *Microsalină artificială*, 2014.
- **Știrbu I.C.**, Sandu I., Știrbu C. M., Sandu A.V., Chirazi M. Brevet de invenție, nr. 126285, OSIM, *Halocameră artificială pentru multipli utilizatori*, 2014.
- **Știrbu I.C.**, Sandu I., Știrbu C. M., Sandu A.V., Lupașcu T. Brevet invenție nr. 4039, Agenția de Stat pentru Proprietate intlectuală, Republica Moldova, *Microsalină artificială de suprafață*, 2010.
- **Știrbu I.C.**, Sandu I., Știrbu C. M., Sandu A.V., Chirazi M., Lupașcu T. Brevet invenție nr. 4089, Agenția de Stat pentru Proprietate intlectuală, Republica Moldova, *Halocameră artificială de suprafață*, 2011.

Premii stiintifice:

- **Gold Medal**, Device for continuos generation of bioactive solions, Știrbu I.C., Sandu I.G., Sandu I., Sandu A., Vasilache V., Vizureanu P., Earar K., Știrbu C.M., Crișan D.R., Chirazi M., Drob A., Balan G., Honceriu C., The 6th China (Shanghai) International Exhibition of Inventions, 2023
- Gold Medal, Device for continuos generation of bioactive solions, Știrbu I.C., Sandu I.G., Sandu I., Sandu A., Vasilache V., Vizureanu P., Earar K., Știrbu C.M., Crișan D.R., Chirazi M., Drob A., Balan G., Honceriu C., 2023 Japan Design, idea and invention expo.
- **Gold Medal**, Device for continuos generation of bioactive solions, Știrbu I.C., Sandu I.G., Sandu I., Sandu A., Vasilache V., Vizureanu P., Earar K., Știrbu C.M., Crișan D.R., Chirazi M., Drob A., Balan G., Honceriu C., The XXVII-th International Exhibition of inventics INVENTICA 2023, Iași, 2023.
- **Medalia de Aur**, Device for continuos generation of bioactive solions, Știrbu I.C., Sandu I.G., Sandu I., Sandu A., Vasilache V., Vizureanu P., Earar K., Știrbu C.M., Crișan D.R., Chirazi M., Drob A., Balan G., Honceriu C., Salonul Internațional de Invenții INVENTICA, Iași, 2023.
- **Gold Medal**, Device for continuos generation of bioactive solions, Știrbu I.C., Sandu I.G., Sandu I., Sandu A., Vasilache V., Vizureanu P., Earar K., Știrbu C.M., Crișan D.R., Chirazi M., Drob A., Balan G., Honceriu C., 16th International Invention and Innovation Show INTARG 2023, Poland.
- **Gold Medal**, Device for continuos generation of bioactive solions, Știrbu I.C., Sandu I.G., Sandu I., Sandu A., Vasilache V., Vizureanu P., Earar K., Știrbu C.M., Crișan D.R., Chirazi M., Drob A., Balan G., Honceriu C., INNOVERSE Innovation and Invention Expo 2023, USA
- **Gold Medal**, Device for continuos generation of bioactive solions, Știrbu I.C., Sandu I.G., Sandu I., Sandu A., Vasilache V., Vizureanu P., Earar K., Știrbu C.M., Crișan D.R.,

- Chirazi M., Drob A., Balan G., Honceriu C., International Exhibition of Innovation, Poland, 2023.
- Gold Medal, Device for continuos generation of bioactive solions, Știrbu I.C., Sandu I.G., Sandu I., Sandu A., Vasilache V., Vizureanu P., Earar K., Știrbu C.M., Crișan D.R., Chirazi M., Drob A., Balan G., Honceriu C., INOVA 2023, Croatia.
- Gold Award, Device for continuos generation of bioactive solions, Știrbu I.C., Sandu I.G., Sandu I., Sandu A., Vasilache V., Vizureanu P., Earar K., Știrbu C.M., Crișan D.R., Chirazi M., Drob A., Balan G., Honceriu C., International Invention and Trade Expo London, 2023
- Gold Medal, Device for continuos generation of bioactive solions, Știrbu I.C., Sandu I.G., Sandu I., Sandu A., Vasilache V., Vizureanu P., Earar K., Știrbu C.M., Crișan D.R., Chirazi M., Drob A., Balan G., Honceriu C., International Invention Innovation Competition in Canada iCan 2023.
- **Diploma de excelenta si Medalia de aur**, Dispozitiv pentru generarea continua a solionilor bioactive, Sandu I. G., Sandu A., V., Vasilache V., Vizureanu P., Earar K., Stirbu C. M., Crisan Dabija R., A., Chirazi M., Stirbu I. C., Drob A., Balan G., Honceriu C., , Salonul International Al Cercetarii Stiintifice, Inovarii si Inventicii, Cluj Napoca, 25-27 octombrie 2023.
- **Gold Medal**, Device for continuos generation of bioactive solions, Știrbu I.C., Sandu I.G., Sandu I., Sandu A., Vasilache V., Vizureanu P., Earar K., Știrbu C.M., Crișan D.R., Chirazi M., Drob A., Balan G., Honceriu C, Innovation and Creative Education Fair for Youth ICE-USV VII Edition, Suceava July 2023.
- Gold Medal, , Device for continuos generation of bioactive solions, Știrbu I.C., Sandu I.G., Sandu I., Sandu A., Vasilache V., Vizureanu P., Earar K., Știrbu C.M., Crișan D.R., Chirazi M., Drob A., Balan G., Honceriu C, International Exhibition Inventor 4th Edition, 14-16 09. 2023, Deva, Romania.
- **Medalia de aur**, Dispozitivi de generare a solionilor bioactive, Știrbu I.C., Sandu I.G., Sandu I., Sandu A., Vasilache V., Vizureanu P., Earar K., Știrbu C.M., Crișan D.R., Chirazi M., Drob A., Balan G., Honceriu C, Salonul Inovarii si Cercetarii, 9-10 noiembrie 2023, Galati Romania.
- **Silver Medal**, Device for continuos generation of bioactive solions, Știrbu I.C., Sandu I.G., Sandu I., Sandu A., Vasilache V., Vizureanu P., Earar K., Știrbu C.M., Crișan D.R., Chirazi M., Drob A., Balan G., Honceriu C., 2023 Kaohsiung International Invention and Design Expo, Taiwan, 2023.
- Silver Medal, Device for continuos generation of bioactive solions, Știrbu I.C., Sandu I.G., Sandu I., Sandu A., Vasilache V., Vizureanu P., Earar K., Știrbu C.M., Crișan D.R., Chirazi M., Drob A., Balan G., Honceriu C., International Warsaw Invention Show, Poland, 2023.
- Silver Medal, Device for continuos generation of bioactive solions, Știrbu I.C., Sandu I.G., Sandu I., Sandu A., Vasilache V., Vizureanu P., Earar K., Știrbu C.M., Crișan D.R., Chirazi M., Drob A., Balan G., Honceriu C., Beirut International Innovation Show BIIS 2023, Liban.
- Certificate of special Congressional Recognition 2024 Premiul 3, Știrbu I.C., Știrbu C.M., Condurache I., Gheorghiță A., Rotariu M. THE IMPORTANCE OF RECOVERY POST COVID 19 IN SPORT ACTIVITY, 47TH ISMH WORLD CONGRESS
- Silver Medal EUROINVENT, 12th Edition European Exhibition of Creativity and Innovation Iași, 2020, (*Electronic application of organizing a beachvolleyball tournament*). **ŞTIRBU I.C.**, ROHNEAN A.I., ŞTIRBU C.M.

- **Bronze Medal** EUROINVENT, 12th Edition European Exhibition of Creativity and Innovation Iași, 2020, (*Statistical methods of analysis on the distribution of setting passes in volleyball using the application ProVBallStat 2.0*). **ŞTIRBU I.C.**, ROHNEAN A.I., ŞTIRBU C.M.
- **SILVER MEDAL**, EUROINVENT, 11 EDITION EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION IAȘI, 2019, (STATISTICAL METHODS OF ANALYSIS IN VOLLEYBALL). **ŞTIRBU I.C.**, ROHNEAN A.I., ŞTIRBU C.M.
- **DIPLOMA OF EXCELENCE,** EUROINVENT, 11 EDITION EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION IAȘI, 2019, (ELECTRONIC APPLICATION OF ORGANIZING SPORT COMPETITIONS), **ŞTIRBU I.C.**, ROHNEAN A.I., ŞTIRBU C.M.
- **Gold Medal**, 10 th International Exhibition of Invention & 3 rd World Invention and Innovation Forum Foshan, China, 2018.
- **Special Award,** Association of Polish Inventors and Rationalizers, 10 th International Exhibition of Invention & 3 rd World Invention and Innovation Forum Foshan, China, 2018.
- **Special Award,** Indonesian Invention and Innovation Promotion Association, Bangkok International Intellectual Property, Invention, Innovation, Technology Exposition (IPITEX), Bangkok, Thailand, 2018.
- Gold Medal, National Research Council of Thailand, 2018.
- **Medalie de Aur**, Morroco International Innovation Competition, ENSA, Kenitra, Morroco, 2017;
- **Medalie de Aur**, International Invention Innovation Competition in Canada, Toronto International Society of Innovation & Advanced Skills, 2017;
- Gold Medal International Innovation Competition "KOREA CYBER INTERNATIONAL GENIUS INVENTOR FAIR", CIGIF 2012, SEUL, KOREA, noiembrie 2012.
- **Best invention of Europe** International Exhibition INPEX, Pittsburg, PA USA, 2012.
- **Gold Medal** International Innovation Competition PRO INVENT, 2010, Cluj Napoca. (Halocameră artificială statică pentru multipli utilizatori).
- **Gold Medal** International Innovation Competition PRO INVENT, 2010, Cluj Napoca. (Halocameră artificială dinamică pentru multipli utilizatori).
- Gold medal International Innovation Competition "INVENTICA 2010", Iași.
- Gold Medal International Innovation Competition, Sevastopol, Ukraine, 2010.

- The Big Prize International Innovation Competition Archimed 2010, Moscova, Rusia.
- **Special Award** Zagreb Inventors Association, 2010.
- **Silver Medal** International Innovation Competition "EUROINVENT 2010" (Halocameră artificială statică), Iași, Romania.
- **Silver Medal** International Innovation Competition "EUROINVENT 2010" (Halocameră artificială dinamică) Iași, Romania.
- **Gold Medal** International Innovation Competition "TERA TEHNOPOLIS", Zagreb, Croatia 2010. (Static salt halochamber).
- **Gold Medal** International Innovation Competition "TERA TEHNOPOLIS", Zagreb, Croatia 2010. (Dynamic salt halochamber).
- **Bronze Medal** International Innovation Competition "INOVA", Zagreb, Croatia, 2009.
- "Best delegation Exhibition (România)" International Innovation Competition "INOVA", Zagreb, Croatia, 2009.
- **Silver Medal** International Innovation Competition "INFOINVENT", Chişinău, Rep. Of Moldavia, 2009.