

## Annex 1 – List of publications

### A. Ph. D. Thesis

1. Zaharia S.E. *Profilul optim de zbor al avioanelor de pasageri în condiții de vânt și alte restricții (Optimal flight path of aircrafts in the presence of wind and other flight restrictions)*, Bucharest, 1993.
2. Zaharia S.E. *Le passage d'un modèle d'université classique vers une conception d'université entrepreneuriale (Shift from the classical university model to the concept of the entrepreneurial university)*, Rouen, France, 2008.

### B. Articles

#### Ba. Publications in Scientific Journals

3. Zaharia S.E. *Algorithme et programme pour l'analyse cinétostatique des systèmes plans de solides rigides* - Scientific Journal of Polytechnic Institute of Bucharest, volume 53, no. 1, 1991.
4. Zaharia S.E. *Algorithme et programme pour l'analyse cinétostatique des systèmes spatiales de solides rigides* - Scientific Journal of Polytechnic Institute of Bucharest, volume 55, no. 3-4, pg. 70-83, 1993.
5. Zaharia S.E. *Algorithme et programme pour la détermination des efforts qui apparaissent dans les barres d'une poutre cloisonnée* - Scientific Journal of Polytechnic Institute of Bucharest, volume 54, no. 3 - 4, pg. 85-92, 1992.
6. Niță M.M.,  
Zaharia S.E., *Consideratii privind optimizarea zborului avioanelor de transport (Considerations regarding the optimisation of flight paths for civil aircrafts)* - Studies and Research of Applied Mechanics, volume 51, no. 6/1992, pg. 565-573, Romanian Academy Publishing House.
7. Zaharia S.E. *Profile optime de zbor pentru avioanele de transport (Optimum flight paths for civil aircrafts)*, Studies and Research of Applied Mechanics, volume 52, no. 1, pg. 9-16, 1993, Romanian Academy Publishing House.
8. Zaharia S.E. *Considérations concernant les conditions optimales pour le vol des avions de ligne*, Scientific Journal of Polytechnic Institute of Bucharest, 1993.
9. Niță M.M.,  
Zaharia S.E. *Conditions for optimal flight path of aircrafts in the presence of wind and flight restrictions*, Journal of Applied Mechanics, volume 38, no. 6, pg. 561-570, 1993, Romanian Academy Publishing House.
10. Atanasiu M.,  
Zaharia S.E.,  
Rosenfeld A. *Programmed Seminar of Mechanics – “Valahia” University of Târgoviște Annals*, no. 1, 1993.
11. Zaharia S.E. *Considérations concernant les conditions optimales pour le vol des avions de ligne avec des discontinuités du système dynamique et des variables d'état* - “Valahia” University of Târgoviște Annales, no. 1, 1993.
12. Zaharia S.E. *Some considerations on the calculus of the optimum flight path of civil aircrafts* - Journal of Applied Mechanics, volume 39, no. 1, 1994, p. 37-44, Bucharest, Romanian Academy Publishing House.

13. Zaharia S.E., Ungureanu St. *Interactive learning environment in Mechanics*, Lecture Notes in Computer Science, no. 1108, Springer 1996, p. 413 - 423.
14. Orășanu N., Zaharia S.E. *Aplicații ale calculului matriceal la rezolvarea problemelor de echilibru pentru corpuri și sisteme de corpuri neimobilizate* (Applications of matrix calculation in solving balance problems for non-fixed bodies and systems of bodies), Revista de mecanică aplicată și electromecanică (Journal of Applied Mechanics and Electromechanics), volume 1, p.103-108, Pitești, 1997.
15. Zaharia S.E., Orășanu N. *Analiza cinematica de ordinul I a lanturilor cinematice deschise folosind coordonatele plückeriene*, (First-order kinematic analysis of kinematic chains using Plücker coordinates), Journal of "Petrol-Gaze" University, Volume XLVII-L, no. 10, p. 159 - 166, Ploiești, 1998.
16. Orășanu N., Zaharia S.E. *Utilizarea coordonatelor plückeriene în analiza cinematica de ordinul doi a lanturilor cinematice deschise*, (Use of Plücker coordinates in second-order kinematic analysis of open kinematic chains), Journal of "Petrol-Gaze" University, Volume XLVII-L, no. 10, p. 167 -174, Ploiești, 1998.
17. Filip V., Antonescu P., Zaharia S.E. *Modelarea dinamica a manipuloarelor-robot cu ajutorul calculului simbolic*, (Dynamic modelling of robot manipulators by means of symbolic computation), "Robotică & Management" Journal, p. 23-27, Timișoara, 1999.
18. Zaharia S.E., Filip V. *Analiza cinematica si cinetostatica a mecanismelor cu bare, folosind tehnici de calcul matematic si programare* (Kinematic and kinetostatic analysis of bar mechanisms using mathematical computation and programming), paper published in the Journal of the Symposium "90 years from prof. Rudolf Voinaroski's birth", volume LII, p. 57-62, November 2000, Ploiești.
19. Zaharia S.E., Atanasiu M., lordache St. *On a new interactive tool for distance education in Mechanics*, "Valahia" University of Târgoviște Annals, p. 5-12, 2001.
20. Zaharia S.E., Filip V., Tache C. *Some aspects regarding the use of specialized software for numerical integration in solid mechanics applications*, Journal of Polytechnic Institute of Iasi, volume XLVII(LI), Supplement 2001, Iași.
21. Atanasiu M., Zaharia S.E., Predescu L. *Une méthode pour le calcul des réactions d'une poutre droite hyperstatique*, Journal of Polytechnic Institute of Iasi, volume XLVII(LI), Supplement 2001, Iași.
22. Zaharia S. E. *Comparative overview of certain fundamental aspects of university management as in several European countries*, Higher Education in Europe, Volume XXVII, no. 3, 2002.
23. Zaharia, S.E., Tache, C., Predescu, L., Zaharia, M. *Utilizarea tehnicilor de calcul computerizat în rezolvarea unor probleme de dinamica sistemelor multicorp* (Use of computation in solving multi-body systems dynamics problems), p. 58-63, Journal of "Petrol-Gaze" University of Ploiești, Volume LV, Technical Series no 4, 2003.
24. Zaharia S.E., Tache C., Zaharia M., Predescu L. *Consideratii privind utilizarea unor metode numerice de localizare a radacinilor ecuatiilor aplicate in mecanica solidelor* (Considerations on the use of numerical methods for locating roots of equations applied in solid mechanics), Scientific Journal of University of Pitești, volume 2(8), 2003, Pitești.
25. Zaharia S.E. *Transformations entrepreneuriales dans les universities europeennes*, "Presa Universitară Clujeană" Publishing House, Cluj-Napoca, 2004.

26. Zaharia, S.E., Gibert, E. *The entrepreneurial university in the knowledge society*, "Higher Education in Europe", vol. XXX, no. 1, pp 31-40, UNESCO - Cepes, March 2005.
27. Zaharia, S.E. *Cadrul Național al Calificărilor în context european (National Qualification Framework in European context)*, Market Wach Revue, No 91, December 2006, Bucharest
28. Zaharia, S.E. *The present state of the national qualifications framework in higher education in Romania*, ENQA Workshop "Quality Assurance and Qualifications Frameworks", 2007, Dublin, Ireland, published by ENQA, Helsinki, Finland, no. 5, 2008, p. 35-44
29. S. E. Zaharia, D. Potolea, S. Toma, B. Murgescu *Romanian Qualification Framework for Higher Education - a Component of EQF*, European Journal of Qualifications, No 1, published by ACPART, Bucharest, 2010.
30. S. E. Zaharia, M. Korka, I. Trasca *Diversity and Comparability in the Implementation of National Qualifications Frameworks for Higher Education*, European Journal of Qualifications, no. 1, published by ACPART, Bucharest, 2010.
31. S.E.Zaharia, M. Korka *Insights of the Romanian Self-certification Process*, European Journal of Qualifications, no. 4, published by ANC, Bucharest, 2011.
32. S.E.Zaharia, M. Mocanu, Al. Enescu *National Register of Qualifications in Higher Education (RNCIS) – The Facebook of Romanian Universities*, European Journal of Qualifications, no. 5, published by National Qualification Authority, ISSN 2069-0290, p. 48-56, Bucharest, 2011.
33. S.E. Zaharia *Invățământ bazat pe competențe în industria transportului aerian (Competance based training in air transport industry)*, Information Bulletin of Romanian Airport Association, no. 18, 2011, Cluj- Napoca, Romania, p.4-10.
34. Zaharia, S.E., Hîrceag C. *Qualifications Framework for Higher Education – A Tool for the Coherent Implementation of the Bologna Process in Romania*, European Journal of Qualifications, no. 6, published by National Qualification Authority, ISSN 2069-0290, p. 19-38, Bucharest, 2012.
35. D.C. Ion, S.E. Zaharia *Using data envelopment analysis (DEA) for determining operational performance of airports*, Review of Management and Economic Engineering, vol. 11, No 2 (44), 2012
36. S.E. Zaharia *Formare și competență în transportul aerian, (Training and competence in air transport)*, Information Bulletin of Romanian Airport Association, no. 20, 2013, Cluj- Napoca, Romania, p. 8-17.
37. S.E. Zaharia *Conectivitatea, un indicator complex al evoluției industriei aeroportuare,(Connectivity, a complex indicator of airport industry evolution)* Information Journal of Romanian Airport Association, no. 21, 2014, Cluj- Napoca, Romania, p. 7-18.
38. S.E. Zaharia, Florin Necula *Întreținerea aeronavelor – o viziune din perspectiva managementului*, Review of Management and Economic Engineering, vol. 14, No 3 (57), 2015.
39. Zaharia, S.E., Dinu, C. *De-icing on ground optimizing process of aircraft's*, Scientific Bulletin of University POLITEHNICA of Bucharest, vol 79, Issue 4, 2017, Bucharest, ISSN

1454-2358, pg. 39-48.

40. Dinu, C, Zaharia, S.E., Pietreanu, C.V. *Considerations on aircraft on-ground de-icing and sustainable airport development, Chemistry Revue (Revista de Chimie)*, Vol. 70/2019, No 2, pp 560-564, ISSN: 0034-7752, ISSN-L: 1582-9049, WOS:000461982200040, Indexare [ISI]: Chemistry Citation Index, Chemical Abstracts, Current Contents, Analytical Abstracts, (Factor de impact: 1.755), Bucharest
41. Pietreanu, C.V., Zaharia, S.E., Dinu, C *Quantification of the impact on the environment of Romanian national airlines, Chemistry Revue (Revista de Chimie)*, Vol. 70/2019, No 4., pp. 1485-1489, ISSN 0034-7752, ISSN-L: 1582-9049, WOS:000469387200079, Indexare [ISI]: Chemistry Citation Index, Chemical Abstracts, Current Contents, Analytical Abstracts, (Factor de impact: 1.755).
42. Pavel, A.P., Zaharia, S.E., Iordache S.E., Munteanu, A., R. *Mesajul educațional în aviația 4.0 (Educational Message in Aviation 4.0), Proceedings on Conference "Dialoguri despre educație" – limbajul educației (Dialogues about Education – Education language), 2nd edition, Iași 10 -12 April 2025*

#### **Bb. Publications in Proceedings of International Scientific Congresses**

43. Atanasiu M., Zaharia S.E. *Le calcul cinématique des graphes pour les mécanismes – Al VI-lea Simpozion internațional de mecanisme și metode de proiectare asistată de calculator (6<sup>th</sup> International Symposium for Computer-aided Design Mechanisms and Methods) (SYROM '93), volume I, paper 4, p. 29-36, Bucharest, 1993.*
44. Atanasiu M., Zaharia S.E., Rosenfeld A. *Programmed Seminar of Mechanics, Proceedings of International Conference on Computer Aided Learning in Science and Engineering (Calisce 1994), p. 423-426, Ecole Nationale Supérieure des Télécommunications, TELECOM Paris, 1994.*
45. Atanasiu M., Zaharia S.E. *A new static analysis method for hybrid joint plane mechanism- Proceedings "Ninth World Congress on the Theory of Machines and Mechanisms" Tome 1, p. 98 - 101, Politecnico di Milano, Milano 1995.*
46. Zaharia S.E., Ungureanu St. *Computer-aided education in Mechanics - Proceedings 3rd International Conference on Computer Aided Engineering Education, p. 275 - 280, Bratislava, 1995.*
47. Atanasiu M., Zaharia S.E. *Une méthode nouvelle pour l'analyse statique des structures hyperstatiques, Proceedings Premier Congrès Maghrébin de la Mécanique (CMM '96), Ghardaia, 1996.*
48. Zaharia S.E., Atanasiu M., Damian I. *Mechanics Electronic Manual - Leuchtturm - Schriftenreihe Ingenieurpädagogik, Band 37, Referate des 26 Internationalen "Ingenieurpädagogic '97" - Leuchtturm - Verlag, p. 330 - 335, Klagenfurt, Autriche, 1997.*
49. Zaharia S. E., Ungureanu St. *Numerical methods for articulated system movement computing - Proceedings of First Romanian - Japanese Joint Seminar on Applied Electromagnetics and Mechanics, Neptun, 1996.*
50. Zaharia S.E., Tătaru D., Istudor I., *Time-command optimal trajectories for robots manipulators - Proceedings of First Romanian - Japanese Joint Seminar on Applied Electromagnetics and Mechanics, Neptun, 1996.*
51. Zaharia S.E., Atanasiu M., *Internet in computer-aided education in Mechanics, CALISCE '98, Chalmers University of Technology, Göteborg, Sweden, 1998.*

- Damian I.,
52. Zaharia S.E., Uebersfeld J., Damian I. *Multimedia-aided education in Mechanics - A tool for life long learning in the university of the twenty-first century*, Proceedings of 19<sup>th</sup> World Conference on Open Learning and Distance Education, "ICDE99", Vienna, 1999.
  53. Dumitriu D., Zaharia S.E. *Numerical approach to the optimal trajectories of robotic manipulators along unspecified paths*, Proceedings of European Conference for Computational Mechanics (CD), München, 1999.
  54. Zaharia S.E., Uebersfeld J., Atanasiu M., Marinescu L. *A multimedia tool for life long learning education - an example for mechanical training*, Engineering Education in the Third Millennium, Referate des 28 Internationalen Symposiums "Ingenieurpädagogik '99", Leuchtturm – Verlag, p. 200-205, Istanbul 1999.
  55. Zaharia S.E., Uebersfeld J., Atanasiu M., Damian I. *Multimedia-aided education in Mechanics*, Proceedings of "IGIP 2000", Bienne - Biel, Switzerland, 2000.
  56. Dumitriu D., Zaharia S.E., Vallee C. *Optimal trajectories of robot manipulators using an efficient combination of numerical techniques*, (ECCOMAS 2000), Barcelona, 2000.
  57. Zaharia S.E., Filip V. *A symbolic computational method for a dynamic model of robot manipulators*, Proceedings of European Congress on Computational Methods in Applied Science and Engineering (CD), DEVELOPMENTS IN ENGINEERING COMPUTATIONAL TECHNOLOGY, Edited by: Topping, BHV, Pages: 51-55  
  
**Conference:** 5th International Conference on Computational Structures Technology/2nd International Conference on Engineering Computational Technology, Location: LEUVEN, BELGIUM, Publisher: CIVIL COMP PRESS, 10 SAXE-COBURG PLACE, EDINBURGH EH3 5BR, MIDLOTHIAN, SCOTLAND [ISI Publication]
  58. Zaharia S.E., Uebersfeld J., Iordache S., Damian I. *Multimedia-aided education in Mechanics – a tool for distance education*, Proceedings of International Conference "Distance Education – An Open Question?" University of Adelaide, Australia 2000.
  59. Zaharia S.E., Uebersfeld J., Iordache S., Damian I. *Multimedia training in Mechanics – Proceedings of the International Conference on Engineering and Computer Education (ICECE 2000) (CD)*, Sao Paulo, Brazil, 2000.
  60. Filip V., Zaharia S.E. *A symbolic computational method for a dynamic simulation of robot manipulators*, Proceedings of European Conference on Computational Mechanics (volume & CD), ECCM 2001, Krakow, Poland, 2001.
  61. Zaharia S.E., Uebersfeld J., Iordache S., Atanasiu M. *Interactive learning in Mechanics – Proceedings of International Conference on Engineering Education (ICEE 2001) (CD)*, Oslo, Norway, 2001.
  62. Zaharia S.E., Uebersfeld J., Iordache S., *A multimedia laboratory in Mechanics*, Proceedings of International Symposium "IGIP 2001 – Lust am Lehren Lust am Lernen", Klagenfurt, Austria, 2001.

- Atanasiu M.
63. Filip V., Zaharia S.E. *A symbolic computational method for dynamic simulation of multi-body system*, ASME - 2001 International Design Engineering Technical Conferences and the Computers and information in engineering conference (DETC 2001), Pittsburgh, Pennsylvania 2001.
  64. Zaharia S.E., Uebersfeld J., Iordache S. *Learning with new technology – a challenge for on-line courses developers*, Proceedings of 4<sup>th</sup> International Conference on New Educational Environment, Lugano, Switzerland, 2002.
  65. Zaharia S.E., (coordinator) *Aspects du passage de l'université classique à l'université entrepreneuriale*, Proceedings of conference «UNiversité dans la SOcieté-UNISO 2002», Paideia Publishing House, Bucharest, 2002.
  66. Zaharia S.E., Iordache S. *Multimedia laboratory in Mechanics – a new pedagogical instrument for the 21<sup>st</sup> century*, Proceedings of INTERTECH'2001 (International Conference on Engineering and Technology Education), Santos, Brazil, 2002.
  67. Zaharia S.E., Iordache S. *Multimedia laboratory in Mechanics – a new learning environment for the 21<sup>st</sup> century*, Proceedings of IGIP 2002, Sankt Petersburg, 2002.
  68. Zaharia S.E., Iordache S. *E-laboratory for CAD/CAM/CAE techniques*, Proceedings of IGIP 2003, Karlsruhe, Germany, 2003.
  69. Zaharia S.E., Stroe I., Iordache S., Tache C. *Pitfalls of numerical methods in evaluation of multi-body systems problems*, Conference on Advances in Computational Multi-body Dynamics, Lisbon, Portugal, 2003.
  70. Zaharia S.E., Iordache S. *E-laboratory for multi-body dynamics*, Proceedings of International Conference on Advances in Computational Multi-body Dynamics, Lisbon, Portugal, 2003.
  71. Zaharia S.E., Iordache S. *Virtual laboratory in Mechanics*, Proceedings of the 5<sup>th</sup> International Conference on New Educational Environments, Lucerne, Switzerland, 2003.
  72. Zaharia S.E., Filip V., Nicolae V. *3D modelling and movement simulation of a Malta-Cross mechanism*, International Conference on Computer, Communication and Control Technologies (CCCT '03), Orlando, USA, 2003.
  73. Zaharia, S.E. *Transformations entrepreneuriales dans les universités européennes*, Proceedings of conference „8èmes Journées Scientifiques du réseau Entrepreneuriat de l'Agence Universitaire de la Francophonie”, Rouen, France, 2003.
  74. Zaharia S.E. *La nouvelle université face à la nouvelle économie*, Proceedings of conference «UNiversité dans la SOcieté – UNISO 2003», Curtea de Arges, Romania, Paideia Publishing House, Bucharest, 2003.
  75. Patriche M., Zaharia S.E. *L'université – moteur de l'évolution de la société : un engagement à long terme à partir du XII siècle jusqu'aux temps modernes*, Proceedings of conference "UNiversité dans la SOcieté - UNISO 2003", Curtea de Arges, Romania, Paideia Publishing House, Bucharest, 2003.
  76. Zaharia S.E., Uebersfeld J., Marinas L. *Role of knowledge management in the partnership between universities and enterprises*, Proceedings of conference "New Horizons in Industry and Education – NHIE" 2003, Santorini - Greece, 2003.
  77. Zaharia S.E. *TransIno – Programme to create TT centres, innovating enterprises incubators, research and technologic innovation networks and multimedia centres for*

*documentation and information*, Conférence DRBC 4 (Danube Region Business Conference), Bucharest, 2003.

78. Andea, P., Zaharia, S.E., Marinas, L. *Lisbon Strategy – an opportunity for the entrepreneurial university*, Proceedings of conference «UNlversité dans la SOcieté – UNISO 2004», *University, vocational training and sustainable development in the European Higher Education Area*, Galati, Romania, Paideia Publishing House, Bucharest, 2004.
79. Zaharia, S.E., Uebersfeld, J. *La formation professionnelle dans la société de la connaissance: «knowledge management» et «e-learning»*, Proceedings of conference «UNlversité dans la SOcieté – UNISO 2004», *University, vocational training and sustainable development in the European Higher Education Area*, Galati, Romania, Paideia Publishing House, Bucharest, 2004.
80. Zaharia, S.E., Patriche, M. *Le master - la plus dynamique composante de la nouvelle structure LMD*, Proceedings of conference «UNlversité dans la SOcieté – UNISO 2004», *University, vocational training and sustainable development in the European Higher Education Area*, Galati, Romania, Paideia Publishing House, Bucharest, 2004.
81. Zaharia S.E., Uebersfeld J. *Computational engineering programmes for professional development of employees from technical companies*, Proceedings of 33<sup>rd</sup> International Symposium IGIP/IEEE/ASEE, Fribourg, Switzerland, September 2004, p. 691-699.
82. Zaharia S.E., Marinas L. *Returns on building the entrepreneurial university. The case of Romania*, Proceedings of the 25<sup>th</sup> Conference PODIM “Shaping the Environment for Innovation Transfer”, Maribor, Slovenia, March 2005, p. 261-273.
83. Zaharia, S.E., Patriche, M. *L’interaction université entrepreneuriale / entreprise du savoir, support pour le développement local*, XVII Colloque Fédérateur de l’Institut Cedimes, Torino, Italia, 18-21 May 2005;
84. Zaharia, S.E., Marinaş L. *University responsiveness to regional and SMEs’ needs for innovation. Experiences in Romania*, Proceedings of conference “Fostering entrepreneurship: the role of higher education”, OECD, Trento, Italy, 23-24 June 2005;
85. Nicolas, A, Rogard, Fr., Zaharia, S.E. *De l’usage des technologies de l’information et de la communication dans les dispositifs de formation tout au long de la vie*, Proceedings of conference "UNlversité dans la SOcieté - UNISO 2005", *University and labour market*, Cherbourg, France, Paideia Publishing House, Bucharest, 2005.
86. Zaharia, S.E. *L’université face aux nouvelles politiques de formation*, Proceedings of conference "UNlversité dans la SOcieté - UNISO 2005", *University and labour market*, Cherbourg, France, Paideia Publishing House, Bucharest, 2005.
87. Patriche, M., Zaharia, S.E., Constantin, V.M. *Le marketing universitaire: publicité ou le «missing link» entre le monde de la formation et de la recherche et le monde d’emploi*, Proceedings of conference "UNlversité dans la SOcieté - UNISO 2005", *University and labour market*, Cherbourg, France, Paideia Publishing House, Bucharest, 2005.
88. Zaharia, S.E., Uebersfeld J., Marinaş L. *University-industry interaction – added value for competitiveness*, Proceedings of conference “New Horizons in Industry, Business and Education”, pp 273-279, NHIBE 2005, Corfu, Greece, August 2005;
89. Nicolas, A., Rogard, Fr.,

- Zaharia, S.E. Education” – NHIBE 2005, Corfu, Greece, August 2005;
90. Zaharia S.E. *Engineering professional programmes for employees of Romanian technical companies*, Proceedings of 34<sup>th</sup> International Symposium IGIP, Istanbul, Turkey, 2005.
91. Zaharia, S.E. *University as ‘Agent-Based Social Systems Sciences’*, Proceedings of conference “The New Roles of Systems Sciences” - IFSR 2005, Kobe, Japan, November 2005;
92. Zaharia, S.E., Patriche, M. *Le grand chantier européen de LMD. Etude de cas: Roumanie*, Proceedings of conference „Approche comparative des reformes universitaires au Maroc et dans les pays européens et arabes”, Tanger, Maroc, 2006.
93. Patriche, M., Zaharia, S.E., Uebersfeld, J. *Training of yesterday and today: Historical reflections and perspectives*, Proceedings „Quality Management in Higher Education”, Pages: 203-208, Conference: 4th International Seminar on Quality Management in Higher Education Sinaia, Romania, 2006 [ISI proceedings].
94. Zaharia, S.E., Mironov, C.M., Borzea, A.E. *Problematica competențelor în universitatea antreprenorială (Competences in entrepreneurial university)*, Proceedings of conference "UNiversité dans la SOcieté - UNISO 2006", *University and economy - partners in education and training*, Cluj-Napoca, Romania, Paideia Publishing House, Bucharest, 2006.
95. Leulescu, A., Mihai, C.V., Zaharia, S.E. *Învățământul superior în schimbare: câteva reflecții asupra unor Cadre Naționale ale Calificărilor (Higher education is changing: reflections on some National Qualifications Frameworks)*, Proceedings of conference "UNiversité dans la SOcieté - UNISO 2006", *University and economy - partners in education and training*, Cluj-Napoca, Romania, Paideia Publishing House, Bucharest, 2006.
96. Zaharia, S.E., Patriche, M. *Cadrul Calificărilor – un instrument pentru reforma din învățământul superior? (Qualifications Framework – a tool for higher education reform?)*, Proceedings of conference "UNiversité dans la SOcieté - UNISO 2006", *University and economy - partners in education and training*, Cluj-Napoca, Romania, Paideia Publishing House, Bucharest, 2006.
97. Zaharia, S.E., Patriche, M., Mira, L.M. *eNOV Project – a tool for stimulating innovative entrepreneurship in the globalising Europe*, Proceedings of conference „Economics and Business Education in a Globalising Europe”, Ghent, Belgium, 2006.
98. Zaharia, S.E., Leulescu, A. *Academic world – facing the challenges of knowledge civilisation*, vol. of EACES Conference “Development Strategies – a comparative view”, Brighton, UK, 2006.
99. Zaharia, S.E. *The Master’s – the dynamic link between university and social-economic environment*, Proceedings of 35<sup>th</sup> International Symposium IGIP, Tallinn, Estonia, 2006.
100. Zaharia, S.E. *Postgraduate education in knowledge society*, Proceedings of 36<sup>th</sup> International Symposium IGIP, Miskolc, Hungary, July 2007.
101. Zaharia, S.E., Patriche, M. *Le cadre national des certifications professionnelles – un défi pour l’enseignement supérieur*, Proceedings of conference „UNiversité dans la Société – UNISO 2007”, *Lifelong Learning and Qualifications in Higher Education*, Versailles, France, Niculescu Publishing House, Bucharest, 2007.
102. Simion, C., Zaharia, S.E., Scarlat, C. *Continuing training to improve the managerial competences – a labour market requirement*, Proceedings of conference „UNiversité dans la Société – UNISO 2007”, *Lifelong Learning and Qualifications in Higher Education*, Versailles,

France, Niculescu Publishing House, Bucharest, 2007.

103. Zaharia, S.E., Patriche, M. *Globalisation of university-enterprise relationships*, Proceedings of conference "New Horizons in Industry, Business and Education" – NHIBE 2007, Rhodes, Greece, 2007.
104. Zaharia, S.E., Patriche, M., Mira, L.M. *eNOV - Virtual training for young entrepreneurs of innovative businesses*, Proceedings of conference "New Horizons in Industry, Business and Education" – NHIBE 2007, Rhodes, Greece, 2007.
105. Zaharia, S.E. *National Qualifications Framework For Higher Education in Romania*, volume of British Council conference "Higher Education that Matters: Addressing the Skills Needs of Employers", Sinaia, Romania, 2007.
106. Zaharia, S.E. *Role of the national qualification framework in the development of a competence-based higher education*, Proceedings of conference „UNiversité dans la SOciété – UNISO 2008”, *L’enseignement supérieur centré sur les compétences: défis et solutions*, Iasi, Niculescu Publishing House, Bucharest, 2008.
107. Zaharia, S.E., Ivan, M., Hirceag, C. *Developing key methological units for the implementation of EQF by means of NQFs –EQF by NQFs*, Proceedings of conference „UNiversité dans la SOciété – UNISO 2008”, *L’enseignement supérieur centré sur les compétences : défis et solutions*, Iasi Niculescu Publishing House, Bucharest, 2008.
108. Zaharia, S.E., Dragomir, T.L., Nisioiu, A.M., Sarbu, M.AI. *La procédure opérationnelle de l’ACPART pour l’implémentation du Cadre national pour la certification professionnelle dans l’enseignement supérieur*, Proceedings of conference „UNiversité dans la SOciété – UNISO 2008”, *L’enseignement supérieur centré sur les compétences : défis et solutions*, Iasi Niculescu Publishing House, Bucharest, 2008.
109. Zaharia, S.E., Trasca I, Capitanul E. *Competence Based Education Programs in air transport Industry*, proceedings of Conference "New Horizons in Industry, Business and Education" – NHIBE 2009, Santorini, Greece, 2009.
110. Zaharia, S.E. *Insertion, emploi et formation dans une société nouvelle*, Proceedings of conference „UNiversité dans la SOciété – UNISO 2009”, SCRIB Publishing House, Bucharest, 2010.
111. Zaharia, S.E., Trasca I, *National Qualification Framework – A reference tool for the unitary description of qualification in Romania*, Proceedings of conference „UNiversité dans la SOciété – UNISO 2009”, SCRIB Publishing House, Bucharest, 2010.
112. Zaharia, S.E., Capitanul E. *Aerospace Engineering post graduate training in the context of globalisation of education*, Proceedings of "International Symposium IGIP 2009", Gratz, Austria.
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206. Andea P., Zaharia S.E., Kilyeni S. (coordinators) Lifelong Learning – Support for Economic Growth, proceedings of the Conference "UNiversité dans la Société - UNISO 2010", Orizonturi Universitare Publishing House, Timișoara 2010
207. Murphy, A., Nicolas, A., Zaharia, S.E. *Case studies in sectoral qualifications: qualifications provision, job descriptions, learning outcomes and framework placement*, Research report prepared under the Project Building Bridges between the EQF-LLL and the QF-EHEA 147635-LLL-1-2008-1-RO-EQF, 2010
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(coordinators)

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210. S.E. Zaharia, *Aviația în timp de pandemie, (Aviation During the Pandemic)* Chapter in „Covid -19, Dimensiuni ale gestionării pandemiei”,(Covid -19, Dimensions of pandemic management), volume coordinated by S. Bocancea, pp 640 – 660, Junimea Iași Publishing House, 2020, ISBN 978-973-37-2395-061.
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213. Zaharia, S.E. (coordinator), Potolea, D., Mocanu, M., Toma, S., Popescu, St., and others *Air Transport Qualifications*, Editions JUNIMEA, 2021, ISBN 978-973-37-2438-4
214. Zaharia, S.E. (coordinator), Toma, S., Potolea, D., Pietreanu, C. and others *Methodology for a Sectoral Qualifications Framework in Air Transport*, Editions JUNIMEA, 2021, ISBN 978-973-37-2423-0
215. Zaharia, S.E., Dorobantu A.V., Boc, R.E. *Knowledge Alliance in Air Transport, UNESCO Chair Engineering for Society*, University POLITEHNICA of Bucharest, 2021
216. Iordache, M.V., Zaharia, S.E., Pietreanu, C.V. *Assessment of the Impact of Technological Development and Organizational Complexity in Air Transport*, Chapter in the “The Science and Development of Transport – ZIRP 2021, Editions Springer 2022, ISBN 978-3-030-97527-2 ISBN 978-3-030-97528-9 (eBook) <https://doi.org/10.1007/978-3-030-97528-9>, pp 167 - 180
217. Zaharia, S.E., Toma, S., Pavel, A.P. *Contribuțiile proiectului AVIONIC la pregătirea resurselor umane din transportul aerian (AVIONIC Project contributions to human resource training in air transport)*, Chapter in book “Competența, potențial și limite” coordinators Laurențiu Șoitu & others, pp 243 – 251, Publisher JUNIMEA, ISBN 9789737-2843-6, 2024

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### Lista cu cele mai importante proiecte naționale și europene

#### I. Contracte de cercetare, proiecte și granturi la care am fost director sau unic autor

1. *Basics of computer operation in office automation*, beneficiary: **Chamber of Commerce of Dâmbovița County**, 1999.
2. *Basics of computer-aided accounting*, beneficiary: **Chamber of Commerce of Dâmbovița County**, 1999.
3. *Basics of ACAD*, beneficiary: **Mechanics Enterprise Dragomirești**, Dâmbovița County, 2000.
4. *Research on the optimisation of costs for transportable drilling rigs*, **RELANSIN Programme, AMCSIT - "Politehnica" University of Bucharest**, 2000.
5. *Research on computer-aided generation of manufacturing technologies for spare parts in the automotive industry to render production more flexible*, **National Agency for Science, Technology and Innovation**, 2000.
6. *Reconversion in computer-aided engineering and multimedia techniques*, **PHARE – RICOP Programme, Region 3**, 2001.
7. *Symbolic computation in the dynamics of multi-body structures*, beneficiary: **Ministry of Education and Research, National Council for Scientific Research in Higher Education (CNCSIS)**, 2001.
8. *Improving the professional training of staff in oil enterprises in the context of industrial restructuring – CEMATEP*, **PHARE 2001 – ECONOMIC AND SOCIAL COHESION**, 2003/2004.
9. *European Union Closer to the Romanian Village*, **Phare, micro-projects Europe – Europe Fund 2004**, 2004-2005.
10. *Creation and evolution of EU political institutions. Case study on the requirements, effects and perspectives of enlargement*, **Jean Monnet Action 2004-3208/001-001 JMO JMO**, 2004-2007.
11. *Training Experts to Implement the BMD European System (Bachelor-Master's-Doctorate) and recognise prior learning - LIMADO*, **Leonardo da Vinci Programme, Project RO/2004/93089/EX**, 2005.
12. *Development of Qualifications Framework in Higher Education*, **Phare Programme 2004**, 2006.
13. *Experts training in the field of quality assurance and qualifications in HE - CALEX*, **Leonardo da Vinci Programme, Project RO/2006/97041/EX**, 2006.

14. *Training Experts to Develop a European System of Terminal Competences in the Fields of History and Archivistics - COMPETIS*, **Leonardo da Vinci Programme, Project RO/2005/95053/EX**, 2006.
15. *Training in the Technology Transfer Management - TEHNOTRANS*, **Leonardo da Vinci Programme, Project RO/2005/95052/EX**, 2006.
16. *Virtual Training for Young Entrepreneurs of Innovating Business*, **Leonardo da Vinci Programme, Project RO/05/B/F/PP175012, eNOV**, 2006-2007.
17. *Developing Key Methodological Units for the Implementation of EQF by Means of NQFs*, **Leonardo da Vinci Programme**, 2007-2008.
18. *Development of an Operational System of the Higher Education Qualifications in Romania – DOCIS*, **European Social Fund**, 2008-2011.
19. *Building Bridges between EQF and EHEA, Lifelong Learning Program*, **Cooperation and Innovation**, 2009-2011.
20. *Knowledge Alliance in Air Transport, KAAT*, Erasmus+ Programme, 2018 – 2020, **588060-EPP-1-2017-1-RO-EPPKA2-KA**
21. *Perspective for Aeronautical Research in Europe*, Horizon 2020 Project, 2017 – 2020, **H2020-MG-2016-2017/H2020-MG-2017-SingleStage-RTD-MOVE**.
22. *Erasmus+ Project “Creative digital teaching and learning for green air transport and logistics – AVIONIC*, **2022-1-RO01-KA220-HED-000086424, 2022 – 2025**;

## **II. Expert sau membru în echipa contractelor de cercetare, proiecte sau granturi**

23. *Programme for the positional and cinematic computation of manipulator mechanisms and industrial robots*, **ICSIT – TITAN**, 1985.
24. *Determining the carrying capacity of the bearing race in rolling mills*, **IPROLAM**, 1986.
25. *Research on the optimisation of the size of pressured bodies to reduce consumption of materials*, **ICSITPV Bucharest**, 1986.
26. *Higher Education Reform*, **PHARE Programme**, Ministry of Education and Research, 1996 – 2001.
27. *Research on computation for the thermal and hydraulic dimensioning of the complex heat recoverer, used for recovering the power resource resulted from the drying part of the paper-manufacturing equipments*, **Paper Factory Letea Bacău**, 1987.
28. *Research on the dynamic behaviour of industrial armatures designed for high-safety plants (chemistry, petrochemistry, heavy water, CNE)*, beneficiary: **Ministry of Education and Research**, 1997.
29. *CENFORIN Centre – Centre for continuing training and computer-assisted engineering*, **PHARE 2000 - ECONOMIC AND SOCIAL COHESION**, 2002.

30. *Developing and strengthening managerial and administrative performance of employees in universities and SMEs, according to the common goal of these organisations in the context of regional development, PHARE 2000 - ECONOMIC AND SOCIAL COHESION*, 2002.
31. *Vocational Training and European Certification in Informatics, Phare Programme 2002 Human Resources Development (HRD), Project RO-2002/000-586.05.02.02*, 2004-2005.
32. *Design and Implementation of an Initiation and Counselling System for Starting a New Business, PHARE Programme 2002 HRD, Project RO-2002/000-586.05.02.02*, 2004-2005.
33. *European Programme for On-Line Training and Validation of Competences in IT and Multimedia, SOCRATES Project, e-FORMINFO*, 2004-2006.
34. *European Mechanism for Distance Information, Guidance and Validation of Training and Qualifications in IT and Multimedia, from the Lifelong Learning Perspective, Leonardo da Vinci Programme, Project FR/04/B/P/PP – 151128 (EUROPORTIC)*, 2004-2007.
35. *Forecast of toxicological characteristics of organic pollutants, “Dunărea de Jos” University, COMSYS Srl, 2004, MENER-PNC DI 407/2004*.
36. *Developing and introducing a new training approach in the tourism sector - "tourism for all" with DIADAs trained consultants, Leonardo da Vinci Programme 2004 PL/05/B/F/PP/174068 (DIADA)*, 2005-2007.
37. *Regulation of intellectual and industrial property rights in the European Union, Jean Monnet Action*, 2005-2008.
38. *Harmonisation of qualifications and human resources training provision in Romania in the context of the European Higher Education Area to ensure Euro-careers –, Research for Excellence Programme*, 2006-2008.
39. *EQF-adapted educational elements in a predictable framework of change (EQF Predict), Lifelong Learning Programme*, 2009-2011.
40. *Validating Learning for an Inclusive Society (INLearning), Lifelong Learning Programme*, 2009-2011.
41. *Enhancement of implementation capacity for Higher Education Qualification System – DECIS, European Social Fund and Romanian Government*, 2010-2013.
42. *Competent Authorities Network for Qualifications in Romania - IMI PQ NET, European Social Fund and Romanian Government*, 2011 -2013.
43. *Knowledge based colaboratif integrated system for economic university management in the context of the Higher Education Qualification Framework - SIMCE, European Social Fund and Romanian Government*, 2010-2013.
44. *Knowledge Networks for the Competitiveness & Sustainability of European Tourism – KNOWNET, Competitiveness and Innovation Framework*

- Programme, European Commission, Framework Programme „EU’s Competitiveness and Innovation”, 2008-2011.**
45. *Apprentissage à distance et innovation pédagogique, TEMPUS Program, 2013 – 2016, 543824-TEMPUS-1-2013-1-LB-TEMPUS-SMHES.*
  46. *Study – concept, to achieve a Small Orbital Launcher through zonal cooperation - SOL, subcontract 35/ 29.07.2014 at the contract ESA Nr. 4000110898/14/NL/CBi / 15.05.2014.*
  47. *Expert in External independent study to support the **Evaluation of the Council recommendation of 22 May 2017** on the European Qualifications Framework for lifelong learning, 2022 -2023;*

12.12. 2025

## **Anexa 3 – Lista cu cele mai importante evenimente internaționale sau naționale la care am participat**

### ○ **IFTOMM (International Federation for the Promotion of Mechanism and Machine Science)**

#### **Manifestări:**

1. SYROM'93 Symposium, Bucharest, 1993;
2. IFTOMM Congress, Milan, 1995;
3. Romanian-Japanese seminar on electromagnetism and applied mechanics, Neptun, Romania, 1996;

### ○ **European Conferences on Computational Mechanics:**

4. European Conference on Computational Mechanics (ECCM '99), München, 1999;
5. European Community on Computational Methods in Applied Sciences (ECOMAS 2000), Barcelona, 2000;
6. European Conference on Computational Mechanics 2001, Krakow, Poland;
7. European Community on Computational Methods in Applied Sciences 2003, Lisbon, 2003;
8. International Conference on Computer, Communication and Control Technologies (CCCT '03), Orlando, U.S.A., 2003;
9. "New research trends in material science" ARM-5, Sibiu, Romania, 2007.

#### **10. Conferințe naționale în domeniul mecanicii**

11. Constanta, 1994;
12. Arad, 1994;
13. Ploiesti, 2000; 2002; 2003;
14. Iasi, 2001; 2003;
15. Pitesti, 2003.

### ○ **Conferințe internaționale Computer Aided Learning in Science and Engineering (CALISCE):**

16. Paris, CALISCE '94;
17. Bratislava, CALISCE '95;
18. San-Sebastian – Spain CALISCE '96;
19. Goteborg – CALISCE '98.

### ○ **IGIP – Symposiums for Engineering Education:**

20. Klagenfurt, 1997, 2001;

21. Istanbul, 1999;
22. Biel-Bienne, Switzerland, 2000;
23. Sankt Petersburg, 2002;
24. Karlsruhe, 2003;
25. Freiburg, 2004;
26. Istanbul, 2005;
27. Tallinn, 2006;
28. Miskolc, 2007;
29. Graz, 2009;
30. Bratislava, 2010.

○ **Congrese și conferințe internaționale pentru educație la distanță**

31. 19<sup>th</sup> World Conference on Open Learning and Distance Education, Vienne, 1999;
32. Distance education – An Open Question?, Adelaide, 2000.
33. Seminar “Potential of e-learning in Lifelong Learning”, Sofia, Bulgaria, 2006.

○ **Conferințe internaționale în ingineria educației**

34. International Conference on Engineering and Computer Education (ICECE 2000), Sao Paulo, Brazil;
35. International Conference on Engineering Education (ICEE) 2001, Oslo, Norway;
36. 4th International Conference on New Educational Environment, Lugano, Switzerland, 2002;
37. International Conference on Engineering and Computer Education (INTERTECH '2002), Santos, Brazil, 2002;
38. International Conference on Engineering and Computer Education (INTERTECH '2010), Ilehus, Brazil, 2010.

○ **Conferințe privind asigurarea calității**

39. Seminar “Quality Management in Higher Education”, Sinaia, Romania, 2006;
40. European Association for Quality Assurance in Higher Education (ENQA), Workshop, “Quality Assurance and Qualifications Frameworks”, Dublin, Ireland, 2007.

## ○ Conferințe privind cadrul calificărilor

41. Towards a European Qualifications Framework for Lifelong Learning Relevance -Workshop, Vienna, 2005, Austria;
42. The European Qualifications Framework (EQF): Consultation to Recommendation, Budapest, 2006, Hungary.
43. LdV Conference “Development of Skills and Competencies in SMEs and sectors”, Stockholm, Sweden, 2007;
44. 14th Joint Annual Meeting of the ENIC and NARIC Networks, Bucharest, 2007;
45. Conference “The European Qualifications Framework: Meeting of the Leonardo da Vinci Projects”, Brussels, Belgium, 2007;
46. “Regional Conference on Qualifications Frameworks in the European Higher Education Area”, Belgrade, 2007;
47. Conference “Valuing Learning: European Experiences in Validating Non-formal and Informal Learning”, Lisbon, Portugal, 2007;
48. Conference “Competences, Learning Outcomes, Qualifications: Transparency Contributing to Employability”, Rome, Italy, 2007;
49. Forum on qualifications frameworks, Council of Europe Headquarters, Strasbourg, 2007;
50. Conference “Development of Skills and Competencies in Sectors & SMEs”, Amsterdam, the Netherlands, 2008;
51. Learning outcomes based higher education: the Scottish experience, Bologna seminar, Edinburgh, 2008;
52. HE\_LeO Conference “Competence Orientation and Learning Outcomes in Higher Education-Processes, Practice, Challenges”, Krems, Austria, 2008;
53. Conference “EQF Network Testing”, Zaragoza, Spain, 2008;
54. Conference “Implementing the European Qualifications Framework”, Brussels, Belgium, 2008;
55. Testing the European Qualifications Framework (EQF): Relating international, national and sectoral qualifications to the EQF, November 2008, Thessaloniki, organized by CEDEFOP;
56. Regional Conference of the national qualification frameworks promoters from South-East Europe, June 2009, Ljubljana;
57. “Qualifications for Lifelong learning and Employability”, October 2009, Thessaloniki, CEDEFOP;

58. EQF LdV Sectoral Workshop, Brussels, November 2009, organised by EC and CEDEFOP;
59. Conference of QF-EHEA National Correspondents, Strasbourg, November 2009;
60. Meeting of the EU Council of Ministers for Education, under the Belgian Presidency, with the participation of the European social partners, unanimously approved the Bruges Communiqué on Enhanced European Cooperation in Vocational Education and Training for the period 2011-2020; Launch of the Bruges Communiqué, 6-7 December 2010;
61. 3rd Qualifications Projects Workshops, CEDEFOP , Thessaloniki, December 2010;
62. Peer learning activity on the school leaving qualifications giving access to higher education, Tallinn, September 2011;
63. Conference on the European Qualifications Framework, Budapest, 2011;
64. Qualification Framework, from concepts to implementation, ETF, Brussels, October, 2011; 2<sup>nd</sup> Joint Seminar of EQF National Coordination Points and QF-EHEA National Correspondents, Warsaw (Poland), 10 November 2011;
65. Conference on academic validation in the context of EQF, Warsaw, November 2011;
66. 3<sup>rd</sup> Joint meeting of the national correspondent of the QF EHEA and the EQF national coordination points, November 2012, Mechelen, Belgium;
67. ESCO Goes Live Conference, October 2013, Brussels.
68. Impact of international accreditation systems on the engineering programs, Beirut, 23 March, 2015

○ **Conferences privind parteneriatul universităţi – mediul economic şi social**

69. “New Horizons in Industry, Business and Education”, Santorini, Greece, 2003;
70. “New Horizons in Industry, Business and Education”, Corfu, Greece, 2005;
71. “New Horizons in Industry, Business and Education”, Rhodes, Greece, 2007;
72. “New Horizons in Industry, Business and Education”, Santorin, Greece 2009;
73. “New Horizons in Industry, Business and Education”, Chios, Greece, 2011.
74. “New Horizons in Industry, Business and Education”, Skiathos, Greece, 2015.
75. Conference “8<sup>èmes</sup> Journées Scientifiques du Réseau Entrepreneuriat de l’Agence Universitaire de la Francophonie”, Rouen, France, 2003;
76. PODIM Conference on Entrepreneurship, Innovation, Management, Maribor, Slovenia, 2005;
77. Conference OECD, Trento, Italy, 2005;

78. Conference CEDIMES, Torino, Italy, 2005;
79. Conference “International Federation for Systems Research”, Kobe, Japan, 2005;
80. Bologna Seminar “Enhancing European Employability”, Swansea, Wales, UK, 2006;
81. EACES 9th Bi-Annual Conference “Development Strategies - A Comparative View”, Brighton, UK, 2006;
82. Conference organised by British Council : “Higher Education that Matters: Addressing the Skills Needs of Employers”, Sinaia, Romania, 2007;
83. 7<sup>th</sup> University – Business Forum, organised by EC, Brussels, April 2017

○ **Conferințe privind managementul învățământului superior**

- **Summer University: UNISO (UNiversity in Society)**

84. UNISO 2002 - Role of University in Society, Drobeta Turnu-Severin, 2002;
85. UNISO 2003-University - Engine of Regional Development in Europe, Curtea de Argeș, 2003;
86. UNISO 2004-University, Vocational Training and Sustainable Development in the European Higher Education Area, Galați, 2004;
87. UNISO 2005 -University and the Labour Market, Cherbourg (France), 2005;
88. UNISO 2006- University and Economy - Partners in Education and Training, Cluj-Napoca, 2006;
89. UNISO 2007- Lifelong Learning and Professional Certifications in Higher Education, Versailles (France), 2007;
90. UNISO 2008 - Competences-based Higher Education: Challenges and Solutions, Iasi, 2008;
91. UNISO 2009 - L’insertion professionnelle des étudiants, Amiens (France), 2009 ;
92. UNISO 2010 - L’enseignement tout au long de la vie, Timisoara, (Roumanie), 2010 ;
93. UNISO 2011 - Partenariat universités – entreprises pour une croissance intelligente et durable, Paris, CNAM, 2011 ;
94. UNISO 2012- Nouvelles qualifications et routes professionnelles, Sighisoara, Roumanie, 2012 ;
95. UNISO 2013 - University-enterprise dialogue for growth and employment, Nice, France, 2013;
96. Colloque «Approche Comparative des Réformes Universitaires au Maroc et dans les pays Européens et Arabes», Tanger, 2006, Maroc.
97. Zilele UNESCO în Politehnica București, edițiile 2021, 2022
98. EDULEARN20, 12th International Conference on Education and New Learning Technologies

99. 7th BASIQ International Conference on New Trends in Sustainable Business and Consumption. Foggia, Italy, 3-5 June 2021.
100. EDULEARN21, 13th International Conference on Education and New Learning Technologies, Online Conference. 5-6 July, 2021.
101. EDULEARN23, 15th International Conference on Education and New Learning Technologies, 5-6 July, 2023.
102. Dialoguri despre educație, Competența, potențial și limite, 2024, Academia Română, Filiala Iași
103. Dialoguri despre educație, Limbajul educației, aprilie 2025, Academia Română, Filiala Iași

○ **Conferințe în domeniul aviației**

104. ICAO Trainer Plus Global Symposium “How to Prepare Tomorrow’s Aviation Workforce with Today’s Training Tools”, Singapore, 2012;
105. 21<sup>st</sup> Conference and General Assembly Meeting of Romanian Airports Association, Bucharest, September 2013;
106. 1<sup>st</sup> International Conference “New Challenges in Aerospace Sciences” NCAS 2013, Bucharest, 7-8 November, 2013;
107. 2nd edition of New Challenges in Aerospace Science International Conference, NCAS 2015 Bucharest, Romania, 5-6 November 2015
108. Conference and General Assembly Meeting of Romanian Airports Association, September 2014, 2015, 2016, 2017, 2018.
109. Airport Exchange 2014, ACI EUROPE & ASIA PACIFIC Conference, Paris, 3-5 November 2014
110. Airport Exchange 2019, ACI EUROPE & ASIA PACIFIC Conference, Abu -Dhabi, November 2019
111. International Conference on air Transport - INAIR 2014, Prague, November 2014.

112. ACI EUROPE's 8<sup>th</sup> REGIONAL AIRPORTS' conference and exhibition, Reykjavik, Iceland, 18-20 May, 2015
113. International Conference on air Transport - INAIR 2015, Amsterdam, November 2015.
114. International Conference on air Transport - INAIR 2016, Vienna, November 2016.
115. International Conference on air Transport - INAIR 2017, Praga, November 2017
116. International Conference on air Transport - INAIR 2018, Vienna, November 2018.
117. Passenger Terminal Conference and Exhibition, Stockholm, 2018
118. 8th European Conference for Aeronautics and Space Sciences EUCASS 2019, 1-4 July 2019, Madrid, Spain.
119. International Conference Sea-Conf 2019, 5th International Conference, "Mircea cel Batran" Naval Academy, Navigation, Transport and Management Section, 17–18 May 2019, Constanta, Romania
120. International Conference – The science and Development of Transports - ZIRP 2019, Opatija, Croatia
121. Basiq International Conference, "New Trends in Sustainable Business and Consumption", 2 - 4 June 2020, Messina, Italy
122. "The Science and Development of Transport – ZIRP 2021