

Списък на организирани и посетени научни конференции

01.12.2019 г – 30.11.2020 г.

Конференции

1. 13th Int. Conf. on Information Systems (IS 2020), Sofia, Bulgaria, April 2-4, 2020, 2020, <https://www.is-conf.org>
2. 14th Annual Meeting of the Bulgarian Section of SIAM, December 17 - 19, 2019, Sofia, Bulgaria (BGSIAM'19), http://www.math.bas.bg/bgsiam/bgsiam19_announcement.htm
3. 15th International Digital Curation Conference, 17 - 20 February 2020, Dublin, <https://www.rd-alliance.org/call-papers-15th-international-digital-curation-conference-17-20-february-2020-dublin>
4. 16th Int. Conf. on Mobile Learning (ML 2020), Sofia, Bulgaria, April 2-4, 2020, <https://www.mlearning-conf.org>
5. 18th Int. Conf. on e-Society (ES 2020), Sofia, Bulgaria, April 2-4, 2020, <https://www.esociety-conf.org>
6. 6th IEEE International Conference "Big Data, Knowledge and Control Systems Engineering" (BdKCSE'2019), Sofia, Bulgaria, November 2019, <https://conference.ott-iict.bas.bg>
7. ACM CompSysTech conference (CompSysTech'20, Русе, 19 - 20 юни 2020 г., <http://www.compsystech.org>
8. Intelligent and Fuzzy Systems (INFUS) 2020, <https://infus.itu.edu.tr/homepage>
9. International Seminar: New Telecommunication Systems' Models in the Human-Cyber-Physical Interaction Context, 03.07.2020, Varna, Bulgaria, <http://www.ithea.org/conferences/conferences.html>
10. International Webinar "Informational modeling – theory and practice" 20-21 October 2020, Sofia, Bulgaria, <https://math.bas.bg/event/международен-вебинар-информатично>
11. RDA BG Node kick off, <https://rda.bg/en/node/9>
12. Seventeenth International Workshop on Algebraic and Combinatorial Coding Theory, October 11 - 17, 2020, Bulgaria
13. The e-IRG Workshop webinar series, <https://www.eosc-nordic.eu/events/the-e-irg-workshop-webinar-series>
14. Национален семинар по Теория на кодирането акад. Стефан Додунеков, Чифлика, България, 8-11.10.2020

Доклади на конференции

1. Andonov, V., Poryazov, S., Saranova, E., Conceptual modeling of the causal structure of a queuing system. XXIII Joint International Scientific Events on Informatics, 1-7 July, 2020, Varna, Bulgaria
2. Andonov, V., Poryazov, S., Saranova, E., Conceptual Optimization of a Generalized Net Model of a Queuing System. 15th Conference on computer science and information systems, FedCSIS 2020, Sofia, Bulgaria, 6-9 September, 2020
3. Andonov, V., Poryazov, S., Saranova, E., Derivation of analytical dependencies from a generalized net model of a service system. XXIII Joint International Scientific Events on Informatics, 1-7 July, 2020, Varna, Bulgaria
4. Andonov, V., Poryazov, S., Saranova, E., Different traffic quality aggregations for a service composition. 6th IEEE International Conference "Big Data, Knowledge and Control Systems Engineering, 21-22 November, 2019, Sofia, Bulgaria
5. Andonov, V., Poryazov, S., Saranova, E., Generalized net representations of the causal structure of a queuing system. 2020 IEEE 10th International Conference on Intelligent Systems (IS), 28-30 August, 2020, Varna, Bulgaria.
6. Andonov, V., Poryazov, S., Saranova, E., Traffic quality aggregations of a queuing system. 2020 IEEE 10th International Conference on Intelligent Systems (IS), 28-30 August, 2020, Varna, Bulgaria
7. Angelkova P., Gaberska-Tsvetkova M., Pencheva N. Age-related changes in peak torque of the knee extensors and flexors in healthy females. Abstract Book of the Scientific Conference with International Participation "Neuroscience, Bioinformatics, Microbiome and Beyond", 17-19 September 2019, Bachinovo, Bulgaria, p.91-92
8. Antonova, A., Bontchev, B., Investigating MOOC platforms as a prospective tool for mobile learning, 16th Int. Conf. on Mobile Learning'2020, April 2-4, 2020
9. Bazhlekov, I., Fractional order convection-diffusion-bioreaction models. International Conference "Topics in Fractional calculus and Time-frequency analysis" (virtual edition) Novi Sad, June 17-20, 2020 , <https://tfafc.pmf.uns.ac.rs/#/agenda>
10. Bazhlekov, I., Fractional order bioreaction models. 46th International Conference "Applications of Mathematics in Engineering and Economics" (virtual edition), June 7 – 13, 2020, http://amee.tu-sofia.bg/section-21-fractional_calculus_special_functions_a.html
11. Bazhlekova, E., Fractional Jeffreys-type heat conduction equation: a crossover model for diffusion and diffusion-wave phenomena. International Conference "Topics in Fractional calculus and Time-frequency analysis" (virtual edition) Novi Sad, June 17-20, 2020 , <https://tfafc.pmf.uns.ac.rs/#/agenda>
12. Bazhlekova, E., Fractional Jeffreys-type heat conduction equation: a crossover model for diffusion and diffusion-wave phenomena. International Conference "Topics in Fractional calculus and Time-frequency analysis" (virtual edition) Novi Sad, June 17-20, 2020 , http://amee.tu-sofia.bg/section-21-fractional_calculus_special_functions_a.html

13. Bazhlekova, E., Time-fractional Jeffreys-type heat conduction equation. "Applications of Mathematics in Engineering and Economics" (virtual edition), June 7 – 13, 2020, http://amee.tu-sofia.bg/section-21-fractional_calculus_special_functions_a.html
14. Bencheva, N., N. Kostadinov, Using OER and teaching outside the classroom for enhancing STEM and ICT education, 30th EAEEIE Annual Conference "Innovation in Education for Electrical and Information Engineering", Praha, Czech Republic, 10th–12th February 2021
15. Bencheva, N., N. Kostadinov, Using OER and teaching outside the classroom for enhancing STEM and ICT education, 30th EAEEIE Annual Conference "Innovation in Education for Electrical and Information Engineering", Praha, Czech Republic, 10th–12th February 2021
16. Blagovesta Midyurova, Aleksandar Dimitrov, Sotir Sotirov, Todor Petkov, Performance prediction of a Microbial fuel cell based on Artificial Neural Networks, International Symposium on Bioinformatics and Biomedicine, BioInfoMed'2020, October 8-10, 2020, Burgas, Bulgaria
17. Bojidar Stanchev and Hristo Paraskevov, Interpolating Subdivision With Triangle Aspect Ratio Control, International Conference Application of Mathematics in Engineering and Economics, 7-13 June 2020, Bulgaria, Online conference, <http://amee.tu-sofia.bg>
18. Borislav Stoyanov, Double Ikeda Map as a Source of Pseudorandom Numbers, International Conference Application of Mathematics in Engineering and Economics, 7-13 June 2020, Bulgaria, Online conference., <http://amee.tu-sofia.bg>
19. Borodzhieva, A., I. Stoev, I. Tsvetkova, S. Zaharieva, V.A. Mutkov, FPGA Design of Boolean Functions Using a Cascade of Decoders and Logic Gates, MIPRO 2020 - 43rd International Convention, 28 September - 2 October 2020, Croatia
20. Chakarov D., Veneva Iv., Tsveov M., Venev P., Modeling and simulations of an upper limb exoskeleton designed for rehabilitation and training. 3rd International Scientific Conference MATHEMATICAL MODELING (MATHMODEL'19), 11-14 December 2019, Borovets, Bulgaria
21. Chakarov D., Veneva Iv., Tsveov M., Venev P., Modeling and simulations of an upper limb exoskeleton designed for rehabilitation and training. 3rd International Scientific Conference MATHEMATICAL MODELING (MATHMODEL'19), 11-14 December 2019, Borovets, Bulgaria
22. Chakarov D., Veneva Iv., Tsveov M., Venev P., Study of a Hybrid Actuated Exoskeleton for Upper Limb Rehabilitation. 17th International Conference on Informatics in Control, Automation and Robotics (ICINCO 2020), Paris, France; 07–09 July, 2020, <http://www.icinco.org/?y=2020>
23. Dankov, Y., Bontchev, B. , Towards a Taxonomy of Instruments for Facilitated Design and Evaluation of Video Games for Education, 21-st International Conference on Computer Systems and Technologies (CompSysTech'20), ACM, 19-20 June 2020, University of Ruse, Bulgaria
24. Design of Learning Analytics Tool: The Experts' Eyes View, 12th International Conference on Computer Supported Education (CSEDU 2020), May 2-4,2020, <http://www.csedu.org>
25. Dovramadjiev T., Stoeva M., Bozhikova V., Dimova R. and Filchev R. , Computer hybrid design using Python scripting and conventional 3D modeling to build (FCC) crystal structures of precious metals and their preparing for 3D printing. ErgoWork 2020. ACTA, Romania. "ErgoWork 2020 International Conference on Ergonomics and Workplace Management", 18-

- 20 June 2020, Timișoara, România,
http://mpt.upt.ro/cercetare/conferinte/pdf/CP_Ergowork2020-2.pdf
26. Dovramadjiev T., Stoeva M., Bozhikova V., Dimova R. and Filchev R., Digital parametric design of fractal geometric Koch snowflake patterns. ErgoWork 2020. ACTA, Romania. "ErgoWork 2020 International Conference on Ergonomics and Workplace Management", 18-20 June 2020, Timișoara, România , http://mpt.upt.ro/cercetare/conferinte/pdf/CP_Ergowork2020-2.pdf
 27. Dovramadjiev, T., Stoeva, M., Bozhikova, V., Dimova, R., 3D CAD design of jewelry accessories, determination of geometrical features and characteristics of the used material of precious metals , Advances in Intelligent Systems and Computing, IHSI 2020, February 19-21, 2020, Modena, Italy, pp 480-485, https://link.springer.com/chapter/10.1007/978-3-030-39512-4_75, DOI: 0.1007/978-3-030-39512-4_75
 28. E. Lilkova, N. Ilieva, P. Petkov, L. Litov, In silico indications for human interferon-gamma inhibition by heparin AMiTaNS'20 (24-29 June 2020, online)
 29. Ganeva N, Kirov G, Pencheva N. (2019) Isometric knee joint torque-angle relationship and strength asymmetry in kicking and support leg in football players. Abstract Book of the Scientific Conference with International Participation "Neuroscience, Bioinformatics, Microbiome and Beyond", 17-19 September 2019, Bachinovo, Bulgaria, p.89-90
 30. Georgi Kostadinov, Tatiana Atanasova and Plamen Petrov, Reducing the Number of Incidents in Converged IT Infrastructure Using Correlation Approach", ICAI 2020, 1-3 October 2020, Varna, Bulgaria
 31. Golev, A., A. Rahnev and T. Terzieva, NSP „ICTinSES“– Achieved Results from the FMI Team at PU. I, Anniversary International Scientific Conference "Synergetics and Reflection in Mathematics Education", 16-18 October 2020, Pamporovo, Bulgaria. (приета)
 32. Hristo Bozov, Greta Bozova, Evdokia Sotirova and Anthony Shannon, A Generalized Net Model with Intuitionistic Fuzzy Assessments of the Process of Cardiopulmonary resuscitation, International Symposium on Bioinformatics and Biomedicine, BioInfoMed'2020, October 8-10, 2020, Burgas, Bulgaria
 33. Hristo Paraskevov and Aleksandar Stefanov, Implementation Of Hidden Communication Channel In OSN With Histogram Analysis, International Conference Application of Mathematics in Engineering and Economics, 7-13 June 2020, Bulgaria, Online conference, <http://amee.tu-sofia.bg>
 34. Hristo Paraskevov and Borislav Stoyanov, Steganographic Algorithm based on Chaotic Random System on Raspberry Pi Hardware, International Conference Application of Mathematics in Engineering and Economics, 7-13 June 2020, Bulgaria, Online conference, <http://amee.tu-sofia.bg>
 35. I. Katarov, N. Ilieva, L. Drenchev, Anomalous effective diffusivity of hydrogen in bcc-Fe from RPMD simulations AMiTaNS'20 (24-29 June 2020, online)
 36. I. Katarov, N. Ilieva, L. Drenchev, Effective Diffusivity of Hydrogen in bcc-Fe: Anomalous Character due to Quantum Proton Fluctuations? Numerical Solutions of Fractional Differential Equations and Applications (NSFDEA'20), (7-11 Sept. 2020, Sozopol, Bulgaria), <https://intranet.fmi.uni-sofia.bg/index.php/s/rXp0vbiSDTpn5zr>

37. Iliev I. , Proykova A. , Оптимизиране на контейнери за паралелния клъстер Nestum, <https://intranet.fmi.uni-sofia.bg/index.php/s/rXp0vbiSDTpn5zr>
38. Information technologies for Big Data in sensor networks stability estimation
39. International Congress on Mathematical Software 2020, TU Braunschweig, Germany, July 13-16, 2020.
40. Investigating MOOC platforms as a prospective tool for mobile learning, 16th Int. Conf. on Mobile Learning'2020, Sofia, Bulgaria, April 2-4, 2020, <https://www.mlearning-conf.org>
41. Ivelina Velcheva, Kosta Garov, Reflection in information technology training implemented during distance education, Anniversary International Scientific Conference “Synergetics and Reflection in Mathematics Education”, 16-18 October 2020, Pamporovo, Bulgaria, <http://srem2020.fmi-plovdiv.org/wp-content/uploads/2020/10/SREM-2020-conference-program-small-size.pdf>
42. K. Garov, G. Koleva and N. Todorova. Computer modeling to help educate children with special educational needs Anniversary International Scientific Conference “Synergetics and Reflection in Mathematics Education”, 16-18 October 2020, Pamporovo, Bulgaria
43. K. Serafimova, I. Mihaylov, D. Vassilev, I. Avdjieva et al. Using Machine Learning in Accuracy Assessment of Knowledge-Based Energy and Frequency Base Likelihood in Protein Structures. International Conference on Computational Science ICCS 2020, <https://www.iccs-meeting.org/iccs2020/>
44. Kostadinov, N., N. Bencheva, LCP Educational CPUs: From CPLD to FPGA, 30th EAEEIE Annual Conference “Innovation in Education for Electrical and Information Engineering”, Praha, Czech Republic, 10th–12th February 2021
45. Kostadinova, I., Garvanova, M., Ivanov, I., & Rasheva-Yordanova, K. (2020). Performance evaluation of an automated test generation system in programming training. In: L. G. Chova, A. L. Martínez, & I. C. Torres (Eds.), EDULEARN20 Proceedings. 12th Annual International Conference on Education and New Learning Technologies, July 6th-7th, 2020 – Palma, Mallorca, Spain. IATED Academy, ISBN 978-84-09-12031-4, ISSN 2340-1117. [Web of Science, Crossref]
46. M. Petković, I. Garvanov, D. Knežević, S. Aleksić, (2020) Optimization of GIS for forest fire risk assessment, 21th International Symposium on Electrical Apparatus and Technologies, SIELA2020, 3-6 June 2020 in Bourgas, Bulgaria [IEEE, Scopus, Web of Science]
47. M. Zhelyazkova, R. Yordanova, I. Mihaylov, ... , D. Vassilev. Bayesian hierarchical modelling for antimicrobial resistance diversity. International Conference BioInfoMed'2020, <https://bioinfomed.org/>
48. Mihail Iliev, Borislav Bedzhev, Monika Bedzeva, Plamen Yanakiev, Method for Synthesis of Nearly Ideal Phase Manipulated Signals, International Conference on Information Technologies, Bulgaria, 2020
49. Mihail Iliev, Monika Bedzheva, Konstantin Preslavsky, An Approach for Application of UAVs for Observation of Processes in Agriculture, 7th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), Ruse, Bulgaria, 2020

50. Mihail Iliev, Nikolay Nikolov, Miroslav Dimitrov, Borislav Bedzhev, Genetic Algorithm for Synthesis of Binary Signals with Optimal Autocorrelation, International Conference on Information Technologies, Bulgaria, 2020
51. Mihail Iliev, Ventsislav Vasilev, Borislav Bedzhev, An Approach for Building of Radar Sensor Networks for Observation of UAVs, 7th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), Ruse, Bulgaria, 2020
52. Milen Todorov, Gergana Avramova-Todorova, Krasimira Dimitrova and Valentin Irmov, Virtual assisted technologies as a helping tool for therapists in assessment of anxiety. Outcomes of a pilot trial with chatbot assistance, International Symposium on Bioinformatics and Biomedicine, BioInfoMed'2020, October 8-10, 2020, Burgas, Bulgaria
53. Miteva, D., Stefanova, E. , Design of Learning Analytics Tool: The Experts' Eyes View, 12th International Conference on Computer Supported Education (CSEDU 2020), May 2-4, 2020
54. Miteva, D., Stefanova, E., Experts' perspective for selecting learning analytics visualizations, IEEE International Conference Automatics and Informatics'2020 (ICAI'20), 1-3 October 2020 (<http://tu-varna.bg/icai/>), <http://tu-varna.bg/icai/images/programa/icai20-program.pdf>
55. Monika Bedzeva, Dimitar Mihajlov. A Survey of Methods for Preparing of Geodesical Plans, Based on UAV Primary Information . 59-th ANNUAL SCIENTIFIC CONFERENCE of Angel Kanchev University of Ruse and Union of Scientists - Ruse "New Industries, Digital Economy, Society - Projections of the Future III"
56. Monika Bedzeva, Stefan Dobrev. Experimental Exploration of the Accuracy of Primary Photogrammetrical Information, Obtained by UAVs. . 59-th ANNUAL SCIENTIFIC CONFERENCE of Angel Kanchev University of Ruse and Union of Scientists - Ruse "New Industries, Digital Economy, Society - Projections of the Future III"
57. Monika Bedzeva, Teodora Ignatova. A Metodology for Estimation the Accuracy of Primary Photogrammetrical Information, Obtained by UAVs. 59-th ANNUAL SCIENTIFIC CONFERENCE of Angel Kanchev University of Ruse and Union of Scientists - Ruse "New Industries, Digital Economy, Society - Projections of the Future III"
58. Myasnichenko, V., R. Mikhov, L. Kirilov, N. Sdobnyakov, D. Sokolov, S. Fidanova, Simulation of Diffusion Processes in Bimetallic Nanofilms, Proceedings of the Int. Conference "14th Annual Meeting of the Bulgarian Section of SIAM – BGSIAM'19", (in press), <https://www.springer.com/series/7092>
59. N. Ilieva, P. Petkov, M. Rangelov, N. Todorova, E. Lilkova, L. Litov, Gaining control of cytokine storm in COVID-19: in silico perspective AMiTaNS'20 (24-29 June 2020, online)
60. N. Kutev, T. Rangelov, Sharp Hardy inequalities in an exterior of a ball. 7th International Conference New Trends in the Application of Differential Equations in Sciences (NTADES'20), 1–4 September 2020, Sts. Constantine and Helena, Bulgaria, <http://ntades.eu/www.math.bas.bg/ntades/program.html>
61. Nikolay K. Vitanov, Zlatinka I. Dimitrova. Simple Equations Method (SEsM) and its Particular Cases: Hirota Method, 7th International Conference New Trends in the Application of Differential Equations in Sciences (NTADES'20), 1-4 September 2020, Sts. Constantine and Helena, Bulgaria, <http://ntades.eu/www.math.bas.bg/ntades/program.html>

62. Nikolay K. Vitanov, Zlatinka I. Dimitrova. Simple Equations Method (SEsM) and its Particular Cases: Hirota Method, 7th International Conference New Trends in the Application of Differential Equations in Sciences (NTADES'20), 1-4 September 2020, Sts. Constantine and Helena, Bulgaria, <http://ntades.eu/www.math.bas.bg/ntades/program.html>
63. Nikolay K. Vitanov. Simple Equations Method (SEsM) and Its Connection with the Inverse Scattering Transform Method. 7th International Conference New Trends in the Application of Differential Equations in Sciences (NTADES'20), 1-4 September 2020, Sts. Constantine and Helena, Bulgaria, <http://ntades.eu/www.math.bas.bg/ntades/program.html>
64. Nikolay K. Vitanov. Simple Equations Method (SEsM) and Its Connection with the Inverse Scattering Transform Method. 7th International Conference New Trends in the Application of Differential Equations in Sciences (NTADES'20), 1-4 September 2020, Sts. Constantine and Helena, Bulgaria, <http://ntades.eu/www.math.bas.bg/ntades/program.html>
65. P. Rashkov, Challenges and complexity in modelling the host's immune response to mature and immature dengue viruses, конференция Mathématiques des systèmes complexes en biologie et en médecine, 24-28.2.2020, CIRM Marseille, France , <https://conferences.cirm-math.fr/2304.html>
66. Petina Andreeva,, Mihail Iliev. Theoretical Basis of a Methodology for Conducting Empirical Sociological Studies on the Efficiency of Operation of the Cadastre Information System. 59-th ANNUAL SCIENTIFIC CONFERENCE of Angel Kanchev University of Ruse and Union of Scientists - Ruse "New Industries, Digital Economy, Society - Projections of the Future III"
67. Petina Andreeva. Technology for Applying a Methodology for Conducting Empirical Sociological Surveys of the Effectiveness of the Cadastre Information System. 59-th ANNUAL SCIENTIFIC CONFERENCE of Angel Kanchev University of Ruse and Union of Scientists - Ruse "New Industries, Digital Economy, Society - Projections of the Future III"
68. Petrov, P.D.; Atanasova, T.V. Developing Spatial Mathematical Skills Through Augmented Reality and Geogebra, ICERI2020 - The 13th Annual International Conference of Education, Research and Innovation, 09-11 Nov 2020 Sevilla, Spain
69. Pisov S., Iliev I., Proykova A., Containers in high performance computing cluster, <https://intranet.fmi.uni-sofia.bg/index.php/s/rXp0vbiSDTpn5zr>
70. Plamen Petrov, Georgi Kostadinov, Petar Zhivkov, Veneta Velichkova, Stoyan Ivanov and Todor Balabanov, "Multi-Objective Optimization in Image Approximation", ICAI 2020, 1-3 October 2020, Varna, Bulgaria
71. Proykova A., How will cloud computing change by the GDPR?, <https://intranet.fmi.uni-sofia.bg/index.php/s/rXp0vbiSDTpn5zr>
72. S. Donchev, N. Petkova, Ch. Christov, Computer models for predicting solution properties and solid-liquid equilibrium in binary fluoride systems, International Conference on Applied Modeling in Economics, Finance and Social Sciences (AMEFSS 2020), 28 June to 2 July 2020, Online Conference, <http://dataconferences.org>
73. S. Donchev, N. Petkova, Ch. Christov, Computer models for predicting solution properties and solid-liquid equilibrium in binary fluoride systems, International Conference on Applied Modeling in Economics, Finance and Social Sciences (AMEFSS 2020), 28 June to 2 July 2020, Online Conference, <http://dataconferences.org>

74. S. Hasani, E. Stefanova, A. Georgiev, K. Stefanov (2020) Current State of Open Science in Balkan Universities, IEEE International Conference Automatics and Informatics'2020 (ICAI'20), 1-3 October 2020 (<http://tu-varna.bg/icaei/>), <http://tu-varna.bg/icaei/images/programa/icaei20-program.pdf>
75. Shishkov, B., Bogomilova, A., & Garvanova, M. (2020). Four enterprise modeling perspectives and impact on enterprise information systems. In: Á. Rocha, H. Adeli, L. P. Reis, S. Costanzo, I. Orovic, & F. Moreira (Eds.), Trends and Innovations in Information Systems and Technologies, vol. 2. Series: Advances in Intelligent Systems and Computing, vol. 1160, (in press). Springer Nature, ISBN 978-3-030-45690-0, e-ISBN 978-3-030-45691-7, Series ISSN 2194-5357, doi: 10.1007/978-3-030-45688-7_66. [Scopus, SJR 2018=0.174, Q3; Google Scholar; EI-Compendex; DBLP]
76. Spirova, M., T. Terzieva and A. Rahnev, Digital Learning Environments, Anniversary International Scientific Conference “Synergetics and Reflection in Mathematics Education”, 16-18 October 2020, Pamporovo, Bulgaria, <http://srem2020.fmi-plovdiv.org/wp-content/uploads/2020/10/SREM-2020-conference-program-small-size.pdf>
77. Stela Todorova, Veselina Bureva and Mladen Proykov, Programme Product for Index Matrices, International Symposium on Bioinformatics and Biomedicine, BioInfoMed'2020, October 8-10, 2020, Burgas, Bulgaria
78. Stoyan Hristov, Asen Baltov and Sotir Sotirov, Functional Outcome Prediction of operated Proximal Humerus Fractures by means of Artificial Neural Networks, International Symposium on Bioinformatics and Biomedicine, BioInfoMed'2020, October 8-10, 2020, Burgas, Bulgaria
79. Stoyan Hristov, Asen Baltov, Evdokia Sotirova and Hristo Bozov, Intuitionistic Fuzzy Evaluations for Analysis of the Proximal humerus fractures, International Symposium on Bioinformatics and Biomedicine, BioInfoMed'2020, October 8-10, 2020, Burgas, Bulgaria
80. Stoyanov, K., Teaching Artificial Intelligence in Cyber-physical systems, Proceedings of the V International Science Conference „INDUSTRY 4.0“, winter session, 09-12.12.2020, Borovets, Bulgaria
81. T. Chehlarova, K. Chehlarova. Managing Pepper’s Ghost Illusion Using Intelligent Methods, IEEE 10th International Conference on Intelligent Systems, August 28-30, 2020, <https://www.ieee-is.org/wp-content/uploads/2020/09/0-Volume-IS20-28-08-Streams.pdf>
82. T. Rangelov, P. Dineva, Dynamic fracture of two nano-cracks in graded elastic half-plane. 7th International Conference New Trends in the Application of Differential Equations in Sciences (NTADES'20), 1–4 September 2020, Sts. Constantine and Helena, Bulgaria, <http://ntades.eu/www.math.bas.bg/ntades/program.html>
83. T. Rangelov, P. Dineva, Dynamic fracture of two nano-cracks in graded elastic half-plane. 7th International Conference New Trends in the Application of Differential Equations in Sciences (NTADES'20), 1–4 September 2020, Sts. Constantine and Helena, Bulgaria, <http://ntades.eu/www.math.bas.bg/ntades/program.html>
84. Todor Petkov, Stanislav Popov, Milen Todorov, Stanimir Surchev, Guy De Tré and Maciej Krawczak, Application of virtual reality as a tool for structural analysis of molecules – steroids, pharmaceuticals and pesticides, International Symposium on Bioinformatics and Biomedicine, BioInfoMed'2020, October 8-10, 2020, Burgas, Bulgaria

85. Todorova, E., S. Aneva and T. Terzieva, Creating a reflection in the informatics teaching by applying adapted ALACT Model, Anniversary International Scientific Conference “Synergetics and Reflection in Mathematics Education”, 16-18 October 2020, Pamporovo, Bulgaria, <http://srem2020.fmi-plovdiv.org/wp-content/uploads/2020/10/SREM-2020-conference-program-small-size.pdf>
86. Tsvetkova, I., A. Borodzhieva, Interactive Methods for Implementing and Investigating Amplitude Modulation Applied in the Educational Process, MIPRO 2020 - 43rd International Convention, 28 September - 2 October 2020, Croatia
87. Tsvetkova, I., A. Borodzhieva, Interactive Methods for Investigating Frequency Modulation Applied in the Educational Process, 2020 7th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), Ruse, Bulgaria
88. Tsvetkova-Gaberska M., Pencheva N., Assessment of knee joint position sense in healthy males and females., Пета балканска научна конференция Fifth Balkan Scientific Conference Science - Education - Art in the 21st Century, 26-27 September 2019, Bachinovo, Bulgaria
89. Tsvetkova-Gaberska M., Pencheva N., Sex differences in the knee sense of muscle force, assessed by isokinetic dynamometer. Scientific Conference with International Participation “Neuroscience, Bioinformatics, Microbiome and Beyond”, 17-19 September 2019, Bachinovo, Bulgaria.
90. Vasilev Valentin, Krassimir Atanassov and Evdokia Sotirova, Generalized Net Model of the Arterial Supply of the Upper Limb of the Vascular System, International Symposium on Bioinformatics and Biomedicine, BioInfoMed'2020, October 8-10, 2020, Burgas, Bulgaria
91. Venelin Todorov, Ivan Dimov, Stefka Fidanova, Stoyan Poryazov. A New Optimized Stochastic Approach for Multiple Integrals in Option Pricing, Preprints of Communication Papers of the Federated Conference on Computer Science and Information Systems, <https://annals-csis.org/proceedings/2020/pliks/109.pdf>
92. Venelin Todorov, Yuri Dimitrov and Ivan Dimov. Second Order Shifted Approximations for the First Derivative, Proceeding of High Performance Computing Conference (HPC 2019), Studies in Computational Intelligence Springer series Springer, 2020., https://doi.org/10.1007/978-3-030-55347-0_36
93. Zlatinka I. Dimitrova, Kaloyan N. Vitanov. Homogeneous Balance Method and Auxiliary Equation Method as Particular Cases of Simple Equations Method (SEsM). 7th International Conference New Trends in the Application of Differential Equations in Sciences (NTADES'20), 1-4 September 2020, Sts. Constantine and Helena, Bulgaria, <http://ntades.eu/www.math.bas.bg/ntades/program.html>
94. Zlatinka I. Dimitrova, Kaloyan N. Vitanov. Homogeneous Balance Method and Auxiliary Equation Method as Particular Cases of Simple Equations Method (SEsM). 7th International Conference New Trends in the Application of Differential Equations in Sciences (NTADES'20), 1-4 September 2020, Sts. Constantine and Helena, Bulgaria, <http://ntades.eu/www.math.bas.bg/ntades/program.html>
95. Zlatogor Minchev, Analytical Modelling & Multicriteria Interactive Assessment of 2D/3D Virtual Representations & Their Effects on the Trainees Cognitive Skills Transformation, Key

- Note Speech, Int. Conf. ICAICTSEE – 2020, UNWE, Sofia, Nov 27-28, 2020,
http://securedfuture21.org/securedfuture21.net/index.php/files/ZM_ICAICTSEE_2020.pdf
96. А. Голев, А. Рахнев, Т. Терзиева. ННП „ИКТВНОС“ – постигнати резултати от екипа на ФМИ при ПУ, Anniversary International Scientific Conference “Synergetics and Reflection in Mathematics Education”, 16-18 October 2020, Pamporovo, Bulgaria
97. Бошнаков, К., Д. Славчева, Д. Петкова, Емпиричен МИМО модел на биологично пречистване на отпадъчни води, Сборник доклади на XXVIII Международен симпозиум Управление на енергийни, индустриални и екологични системи, 12-13 ноември 2020 г., София
98. Валентин Василев, проф. Евдокия Сотирова, проф. Красимир Атанасов и проф. Сотир Сотиров, „Intuitionistic Fuzzy Assessments of the Abdominal Aorta and Its Branches“, Intelligent and Fuzzy Systems (INFUS) July 21-23, 2020 в Измир, Турция
99. Георги Паздеров, Христо Бозов, Евдокия Сотирова, Бойко Миразчийски, Ковид-19 в Бургаска област, IV-та Национална конференция с международно участие „Иновации в общественото здраве“, 17-18.08.2020
100. Георги Паздеров, Христо Бозов, Евдокия Сотирова, Бойко Миразчийски, Ковид-19 в Бургаска област, IV-та Национална конференция с международно участие „Иновации в общественото здраве“, 17-18 септември 2020 г. в УМБАЛ „Св. Екатерина“ -гр.София
101. Д. Василев, И. Михайлов, С. Цонев, Платформа за интегриране на МН НИ от генетични ресурси на пшеница и тяхната резистентност към FUSARIUM SPP, <https://intranet.fmi.uni-sofia.bg/index.php/s/rXp0vbiSDTpn5zr>
102. К. Гъргов, Г. Колева, Н. Тодорова. Компютърното моделиране в помощ на обучението на деца със специални образователни потребности, Anniversary International Scientific Conference “Synergetics and Reflection in Mathematics Education”, 16-18 October 2020, Pamporovo, Bulgaria, <http://srem2020.fmi-plovdiv.org/wp-content/uploads/2020/10/SREM-2020-conference-program-small-size.pdf>
103. Кендеров, П., Подготовка за онлайн състезания по математика с компютър, 15 февруари 2020 г., Конференция „Динамична математика в образованието“, http://dmo.cabinet.bg/content/bg/files/200215_DMO_IKTVNOS_PK2.pdf
104. Кендеров, П., Подготовка за онлайн състезания по математика с компютър, Конференция „Динамична математика в образованието“, 15 февруари 2020 г., http://dmo.cabinet.bg/content/bg/files/200215_DMO_IKTVNOS_PK2.pdf
105. Михайлов И., Цветкова-Габерска М., Пенчева Н. (2019) Изследване на проприоцептивен праг за усещане на мускулна сила в колянна става при здрави мъже и жени. 20-та Студентска научна конференция на ФОЗЗГС, секция Кинезитерапия, 16-ти Април 2019, Бачиново, Благоевград
106. Петър Кендеров, Златогор Минчев: Тримерни модели за онагледяването на учебно съдържание: Оптимални конични съдове, 15 февруари 2020 г., Конференция „Динамична математика в образованието“, http://dmo.cabinet.bg/content/bg/files/200215_DMO_IKTVNOS_PK1.pdf
107. Петър Кендеров, Златогор Минчев: Тримерни модели за онагледяването на учебно съдържание: Оптимални конични съдове, Конференция „Динамична математика в

- образованието“, 15 февруари 2020 г.,
http://dmo.cabinet.bg/content/bg/files/200215_DMO_IKTVNOS_PK1.pdf
108. Петър Кендеров, Отворени онлайн образователни курсове за свободно ползване, Национален семинар по математическо образование, 27 – 28 ноември 2020 г. (<http://www.math.bas.bg/omi/nso/?cat=21>),
http://www.math.bas.bg/omi/nso/docs/2020/201127_NSO_IKTVNOS_PK.pdf
109. Петър Кендеров, Тони Чехларова: Използване на помощните файлове в онлайн състезанието „VIVA Математика с компютър“, 49 Пролетна конференция на СМБ, 1-4 септември 2020, Боровец, http://www.math.bas.bg/smb/2020_PK/49PK-book+shema.pdf
110. проф. Евдокия Сотирова, доц. Валентин Василев, проф. Сотир Сотиров и проф. Христо Бозов, „InterCriteria Analysis of public health data in Bulgaria“, Intelligent and Fuzzy Systems (INFUS) July 21-23, 2020 в Измир, Турция
111. Тони Чехларова, Модели на златни фигури, 09.12.2019 г., Отчетна научна сесия на секция „Образование по математика и информатика“ зала 478, ИМИ – БАН
112. Тони Чехларова, уебинар, организиран от Klett: „Дигитални ресурси за самопроверка и проверка“, 22 октомври 2020 г.
113. Тони Чехларова: Модели на златни правоъгълници, 49 Пролетна конференция на СМБ, 1-4 септември 2020, Боровец, http://www.math.bas.bg/smb/2020_PK/49PK-book+shema.pdf
114. Тони Чехларова: Създаване на общодостъпни ресурси на тема „Златно сечение“, Доклад на Национален семинар по математическо образование, 27 – 28 ноември 2020 г., http://www.math.bas.bg/omi/nso/docs/2020/NSO2020-Toni_Chehlarova-ICTvNOS.pdf
115. Тони Чехларова: Разпространение на разработените иновативни приложения: 3D принтирани модели за обучението по математика за незрящи, 15 февруари 2020 г., Конференция „Динамична математика в образованието“,
http://dmo.cabinet.bg/content/bg/files/200215_DMO_IKTVNOS_TCH.pdf
116. Христо Бозов, Антония Янакиева, Димо Димов, Евдокия Сотирова, Тенденции сред заболяемостта на медицинския персонал по време на Ковид-19 епидемията в Република България, IV-та Национална конференция с международно участие „Иновации в общественото здраве“, 17-18.08.2020
117. Христо Бозов, Антония Янакиева, Димо Димов, Евдокия Сотирова, Тенденции сред заболяемостта на медицинския персонал по време на Ковид-19 епидемията в Република България, IV-та Национална конференция с международно участие „Иновации в общественото здраве“, 17-18 септември 2020 г. в УМБАЛ „Св. Екатерина“ - гр. София
118. Христо Бозов, Евдокия Сотирова, Златица Петрова, Статистически анализ на развитието на пандемията Ковид-19 чрез размити оценки, IV-та Национална конференция с международно участие „Иновации в общественото здраве“, 17-18 септември 2020 г. в УМБАЛ „Св. Екатерина“ -гр. София
119. Христо Бозов, Евдокия Сотирова, Златица Петрова, Статистически анализ на развитието на пандемията Ковид-19 чрез размити оценки, IV-та Национална конференция с международно участие „Иновации в общественото здраве“, 17-18.08.2020

120. Цветкова-Габерска М., Петкова Б., Пенчева Н. (2019) Внедряване на метод за измерване на проприоцептивни прагове за оценка на позицията в коляното при активен и пасивен режим на движение при пациенти с МС. 20-та Студентска научна конференция на ФОЗЗГС, секция Кинезитерапия, 16-ти Април 2019, Бачиново, Благоевград
121. Чехларова Т., Образователни ресурси на тема „Златното сечение“, 15 февруари 2020 г., Конференция „Динамична математика в образованието“, http://dmo.cabinet.bg/content/bg/files/200215_DMO_ikt_golden_TCH.pdf
122. Чехларова, Т., Образователни ресурси на тема „Златното сечение“ , 15 февруари 2020 г., Конференция „Динамична математика в образованието“, http://dmo.cabinet.bg/content/bg/files/200215_DMO_ikt_golden_TCH.pdf
123. Чехларова, Т.: Разпространение на разработените иновативни приложения: 3D принтирани модели за обучението по математика за незрящи, Конференция „Динамична математика в образованието“, 15 февруари 2020 г. , http://dmo.cabinet.bg/content/bg/files/200215_DMO_IKTVNOS_TCH.pdf
124. Я. Чуканска, Т. Терзиева, О. Рахнева, Г. Колева, Проектиране и създаване на 3D инструменти за обучение по музика на деца със специални потребности, Anniversary International Scientific Conference “Synergetics and Reflection in Mathematics Education”, 16-18 October 2020, Pamporovo, Bulgaria