

Papers in ISI Proceedings



- 1. Abrudean, C. Simulation of electrical and thermal fields in a multimode microwave oven using software written in C plus, INNOVATIVE IDEAS IN SCIENCE 2016, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 200, Article Number: UNSP 012053, Conference on Innovative Ideas in Science, NOV 10–11, 2016, Baia Mare, ROMANIA, ISSN: 1757–8981, Published: 2017;
- Alexa, V., Ratiu, S.A., Kiss, I., Cioata, V.G. Modelling pressure rolling of asymmetric rolling process, INNOVATIVE IDEAS IN SCIENCE 2016, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 200, Article Number: UNSP 012038, Conference on Innovative Ideas in Science, NOV 10-11, 2016, Baia Mare, ROMANIA, ISSN: 1757-8981, Published: 2017;
- Alexa, V., Ratiu, S.A., Kiss, I., Cioata, C.G. Research on the rolling moment in the symmetrical and asymmetrical rolling process, INTERNA-TIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012047, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757–8981, Published: 2017;
- Alionescu, A., Bala, A.C., Brebu, F.M., Moscovici, A.M. Creating 3D Models of Historical Buildings Using Geospatial Data, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS 2016 (ICNAAM-2016), Book Series: AIP Conference Proceedings, Volume: 1863, Article Number: UNSP 430002-1, International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), SEP 19-25, 2016, Rhodes, GREECE, ISSN: 0094-243X, ISBN: 978-0-7354-1538-6, Published: 2017;
- Ambrus, R., Izvercian, M., Ivascu, L., Artene, A. THE LINK BETWEEN COMPETITIVENESS AND SUSTAINABILITY OF ENTERPRISES, 4TH BECI IN-TERNATIONAL CONFERENCE ON BUSINESS AND ECONOMICS 2017, Book Series: European Proceedings of Multidisciplinary Sciences, Volume: 1, Pages: 39-47, 4th International Conference on Business and Economics (BE-ci), JUN 05-07, 2017, Brno, CZECH REPUBLIC, ISSN: 2421-826X, Published: 2017;
- Ambrus, R., Izvercian, M., Artene, A., Ivascu, L. REGENERATIVE MANAGEMENT ACCOUNTING IN THE CONTEXT OF CIRCULAR ECONOMY, 4TH BECI INTERNATIONAL CONFERENCE ON BUSINESS AND ECONOMICS 2017, Book Series: European Proceedings of Multidisciplinary Sciences, Volume: 1, Pages: 59–65, 4th International Conference on Business and Economics (BE-ci), JUN 05–07, 2017, Brno, CZECH REPUBLIC, ISSN: 2421–826X, Published: 2017;
- Ancuti, C.O., Ancuti, C., De Vleeschouwer, C., Garcia, R. Locally Adaptive Color Correction for Underwater Image Dehazing and Matching, 2017 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION WORKSHOPS (CVPRW), Book Series: IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops, Pages: 997–1005, 30th IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops (CVPRW), Honolulu, HI, ISSN: 2160–7508, ISBN: 978–1–5386–0733–6, Published: 2017;
- Ancuti, C.O., Ancuti, C., De Vleeschouwer, C., Neumann, L., Garcia, R. COLOR TRANSFER FOR UNDERWATER DEHAZING AND DEPTH ESTIMA-TION, 2017 24TH IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING (ICIP), Book Series: IEEE International Conference on Image Processing ICIP, Pages: 695-699, 24th IEEE International Conference on Image Processing (ICIP), SEP 17-20, 2017, Beijing, PEOPLES R CHINA, ISSN: 1522-4880, ISBN: 978-1-5090-2175-8, Published: 2017;
- Andone, D., Ternauciuc, A., Vasiu, R. Using Open Education Tools for a Higher Education Virtual Campus, 2017 IEEE 17TH INTERNATIONAL CON-FERENCE ON ADVANCED LEARNING TECHNOLOGIES (ICALT), Book Series: IEEE International Conference on Advanced Learning Technologies, Pages: 26-30, 17th IEEE International Conference on Advanced Learning Technologies (ICALT), JUL 03-07, 2017, Timisoara, ROMANIA, ISSN: 2161-3761, ISBN: 978-1-5386-3870-5, Published: 2017;
- Andone, D., Vasiu, R., Ternauciuc, A. UniCampus: the First Courses in a Romanian MOOC, PROCEEDINGS OF 2017 IEEE GLOBAL ENGINEERING EDUCATION CONFERENCE (EDUCON2017), Book Series: IEEE Global Engineering Education Conference, Pages: 1210-1214, 8th IEEE Global Engineering Education Conference (EDUCON), APR 25-28, 2017, Athens, GREECE, ISSN: 2165-9567, ISBN: 978-1-5090-5467-1, Published: 2017;
- 11. Apostol, I., Mosoarca, M., Stoian, V. Modern Consolidation Solutions for Buildings with Historical Value. Part I: Reinforced Concrete Structures, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 111-116, 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23-24, 2017, Oradea, ROMANIA, ISBN: 978-88-87729-41-2, Published: 2017;
- Ardelean, E., Socalici, A., Ardelean, M., Serban, S., Vatasescu, M. The analysis of the steel deoxidation process in a vacuum installation, INTER-NATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012025, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;

- 13. Armas, A., Beilicci, R., Beilicci, E. Numerical Limitations of 1D Hydraulic Models Using MIKE11 or HEC-RAS software Case study of Baraolt River, Romania, WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM – WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 072010, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12-16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;
- Avram, S., Plotenco, V., Paven, L.N. Design and Development of an Electricity Meter Test Equipment, 2017 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) & 2017 INTL AEGEAN CONFERENCE ON ELECTRICAL MACHINES AND POWER ELECTRONICS (ACEMP), Pages: 96-101, International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) / Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), MAY 25-27, 2017, Brasov, ROMANIA, ISBN: 978-1-5090-4489-4, Published: 2017;
- Avram, S., Safta, A.M., Caleanu, C.D., Vasiu, R. Hardware and Software Implementation of an Embedded Metering Webserver, 2017 40TH INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP), Pages: 43-46, 40th International Conference on Telecommunications and Signal Processing (TSP), JUL 05-07, 2017, Barcelona, SPAIN, ISBN: 978-1-5090-3982-1, Published: 2017;
- Baciu, I., Cuntan, C.D. Single-phase frequency converter, INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012036, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 17. Baciu, I., Ghiormez, L., Vasar, C. Study for the electric arc of alternative current at the single phase welding machine using the Matlab/Simulink environment, INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012027, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- Badea, A., Prostean, G., Tamasila, M., Vartosu, A. Collaborative decision-making on wind power projects based on AHP method, INTERNA-TIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012017, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 19. Balaj, C.I., Man, T.E., Paulescu, M. Performance Assessment of a Direct-Coupled PV Water Pumping System, TIM15-16 PHYSICS CONFERENCE, Book Series: AIP Conference Proceedings, Volume: 1796, Article Number: UNSP 040012, TIM15-16 Physics Conference, MAY 26-28, 2016, Timisoara, ROMANIA, ISSN: 0094-243X, ISBN: 978-0-7354-1462-4, Published: 2017;
- Balint, C., De Sabata, A., Bechet, P., Miclaus, S. Joint Spectrum Availability Measurement in the 4.5–10.5 MHz HF Band, 2017 14TH INTERNA– TIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 232–235, 14th International Conference on Engineering of Modern Electric Systems (EMES), JUN 01–02, 2017, ORADEA, ROMANIA, ISBN: 978–1–5090–6073–3, Published: 2017;
- 21. Baloi, M.A. Probability of Fermion Pair Production in External Electric Field, TIM17 PHYSICS CONFERENCE, Book Series: AIP Conference Proceedings, Volume: 1916, Article Number: UNSP 020012, 17th Physics Conference, MAY 25-27, 2017, Timisoara, ROMANIA, ISSN: 0094-243X, ISBN: 978-0-7354-1608-6, Published: 2017;
- 22. Banciu, F.V. An approach to support entries for a design failure modes and effects analysis, 4TH INTERNATIONAL CONFERENCE ON COMPUTING AND SOLUTIONS IN MANUFACTURING ENGINEERING 2016 – COSME'16, Book Series: MATEC Web of Conferences, Volume: 94, Article Number: UNSP 05001, 4th International Conference on Computing and Solutions in Manufacturing Engineering (CoSME), NOV 03–04, 2016, Brasov, ROMANIA, ISSN: 2261–236X, Published: 2017;
- Barna, L., Lelea, D. The Influence of Magnetic Field on Low Pressure Injection of Oxyhydrogen in Turbocharged Compression Ignition Engines, 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016, Book Series: Procedia Engineering, Volume: 181, Pages: 718-724, 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG), OCT 06-07, 2016, Tirgu Mures, ROMA-NIA, ISSN: 1877-7058, Published: 2017;
- Barz, C., Latinovic, T., Deaconu, S., Preradovic, D., Pop, P.P., Pop-Vadean, A. Using Moeller PLC in automation of an artesian fountains, INTER-NATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012052, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757–8981, Published: 2017;



- Beiu, V., Daus, L., Rohatinovici, N.O.C., Balas, V.E. Transport Reliability on Axonal Cytoskeleton, 2017 14TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 160–163, 14th International Conference on Engineering of Modern Electric Systems (EMES), JUN 01–02, 2017, ORADEA, ROMANIA, ISBN: 978–1–5090–6073–3, Published: 2017;
- Belega, D., Petri, D., Dallet, D. A Frequency-Domain Linear Least-Squares Approach for Complex Sine-wave Amplitude and Phase Estimation, 2017 IEEE INTERNATIONAL INSTRUMENTATION AND MEASUREMENT TECHNOLOGY CONFERENCE (I2MTC), Pages: 105-110, IEEE International Instrumentation and Measurement Technology Conference (I2MTC), MAY 22-27, 2017, Torino, ITALY, ISBN: 978-1-5090-3596-0, Published: 2017;
- Belgiu, G., Carausu, C., Serban, D., Turc, C.G. Product management of making large pieces through Rapid Prototyping PolyJet((R)) technology, MODTECH INTERNATIONAL CONFERENCE MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING V, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 227, Article Number: UNSP 012015, 5th International Conference on Modern Technologies in Industrial Engineering (ModTech), JUN 14–17, 2017, Sibiu, ROMANIA, ISSN: 1757–8981, Published: 2017;
- Bena, T., Mitelea, I., Bordeasu, I., Utu, I.D., Craciunescu, C.M. THE QUENCHING TEMPERING HEAT TREATAM ENT AND CAVITATION EROSION RESISTANCE OF NODULAR CAST IRON WITH FERRITE – PEARLITE MICROSTRUCTURE, METAL 2017: 26TH INTERNATIONAL CONFERENCE ON METALLURGY AND MATERIALS, Pages: 731–736, 26th International Conference on Metallurgy and Materials (METAL), MAY 24–26, 2017, Brno, CZECH REPUBLIC, ISBN: 978–80–87294–79–6, Published: 2017;
- 29. Benea, L.M. Capture and storage of Carbon dioxid: a method for countering climatic changes, INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012045, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- Berdie, A.D., Osaci, M., Muscalagiu, I., Barz, C. A combined approach of AHP and TOPSIS methods applied in the field of integrated software systems, INNOVATIVE IDEAS IN SCIENCE 2016, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 200, Article Number: UNSP 012041, Conference on Innovative Ideas in Science, NOV 10–11, 2016, Baia Mare, ROMANIA, ISSN: 1757–8981, Published: 2017;
- Berghian, A.B., Vasiu, T., Abrudean, C. Experiments assigned to determine the acceleration of 8000kN shear laboratory model elements, INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012021, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 32. Bernad, E., Bernad, S., Petre, I. Ultrasound Evaluation of the Umbilical Artery Blood Flow, 13TH CONFERENCE OF THE ROMANIAN-GERMAN SO-CIETY OF OBSTETRICS AND GYNECOLOGY, Pages: 39-43, 13th Conference of the Romanian-German-Society-of-Obstetrics-and-Gynecology, SEP 14-16, 2017, Timisoara, ROMANIA, ISBN: 978-88-95922-95-9, Published: 2017;
- 33. Bernad, I.S., Moza, A., Petre, I., Bernad, E. Hemodynamic Evaluation of the Umbilical Cord, 13TH CONFERENCE OF THE ROMANIAN-GERMAN SOCIETY OF OBSTETRICS AND GYNECOLOGY, Pages: 49–53, 13th Conference of the Romanian-German-Society-of-Obstetrics-and-Gynecology, SEP 14–16, 2017, Timisoara, ROMANIA, ISBN: 978–88–95922–95–9, Published: 2017;
- 34. Bernad, I.S., Moza, A., Craina, M., Bernad, S.E. Antenatal Ultrasound Umbilical Cord Coiling Evaluation, 5TH ROMANIAN CONGRESS OF THE ROMANIAN SOCIETY OF ULTRASOUND IN OBSTETRICS AND GYNECOLOGY, Pages: 73–77, 5th Romanian Congress of the Romanian–Society–of– Ultrasound–in–Obstetrics–and–Gynecology, APR 20–22, 2017, Targu Mures, ROMANIA, ISBN: 978–88–95922–88–1, Published: 2017;
- Bernad, S.E., Craina, M., Bernad, I.S., Moza, A. Ultrasound Evaluation of the Placenta and its Influence on the Fetal Wellbeing at the Moment of Birth, 5TH ROMANIAN CONGRESS OF THE ROMANIAN SOCIETY OF ULTRASOUND IN OBSTETRICS AND GYNECOLOGY, Pages: 78–82, 5th Romanian Congress of the Romanian-Society-of-Ultrasound-in-Obstetrics-and-Gynecology, APR 20–22, 2017, Targu Mures, ROMANIA, ISBN: 978–88–95922–88–1, Published: 2017;
- 36. Bernad, S.E., Bernad, S.I., Moza, A., Craina, M. Risk Factors Association to Pregnancies Induced Hypertension, 5TH ROMANIAN CONGRESS OF THE ROMANIAN SOCIETY OF ULTRASOUND IN OBSTETRICS AND GYNECOLOGY, Pages: 83-87, 5th Romanian Congress of the Romanian-Society-of-Ultrasound-in-Obstetrics-and-Gynecology, APR 20-22, 2017, Targu Mures, ROMANIA, ISBN: 978-88-95922-88-1, Published: 2017;

- 37. Bernad, S.E., Moza, A., Bernad, I.S., Craina, M. Ultrasound Assessment of the Umbilical Cord Knot, 5TH ROMANIAN CONGRESS OF THE RO-MANIAN SOCIETY OF ULTRASOUND IN OBSTETRICS AND GYNECOLOGY, Pages: 88–92, 5th Romanian Congress of the Romanian-Society-of-Ultrasound-in-Obstetrics-and-Gynecology, APR 20-22, 2017, Targu Mures, ROMANIA, ISBN: 978-88-95922-88-1, Published: 2017;
- Bernad, S.I., Bosioc, A.I., Totorean, A.F., Petre, I., Bernad, E.S. Wall Shear Stress Evolution in Carotid Artery Bifurcation, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS 2016 (ICNAAM-2016), Book Series: AIP Conference Proceedings, Volume: 1863, Article Number: UNSP 30020–1, International Conference on Numerical Analysis and Applied Mathematics (IC-NAAM), SEP 19–25, 2016, Rhodes, GREECE, ISSN: 0094–243X, ISBN: 978–0–7354–1538–6, Published: 2017;
- Berto, F., Marsavina, L., Razavi, S.M.J., Ayatollahi, M.R. On the fracture behavior of polyurethane notched components, XXIV ITALIAN GROUP OF FRACTURE CONFERENCE, 2017, Book Series: Procedia Structural Integrity, Volume: 3, Pages: 144–152, 24th Italian–Group–of–Fracture (IGF) Conference, MAR 01–03, 2017, Urbino, ITALY, ISSN: 2452–3216, Published: 2017;
- 40. Biba, D.R., Musuroi, S., Svoboda, M. A New Approach to Lifetime and Loading Stress Level Estimation for Multilayer Ceramic Capacitors in Electronic Control Units, 2017 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) & 2017 INTL AEGEAN CONFERENCE ON ELECTRICAL MACHINES AND POWER ELECTRONICS (ACEMP), Pages: 37–42, International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) / Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), MAY 25–27, 2017, Brasov, ROMANIA, ISBN: 978–1–5090–4489–4, Published: 2017;
- 41. Bindean, I.A., Fofiu, M., Stoian, V. Energy Dissipation of retrofitted Precast Reinforced Concrete Walls subjected to seismic loading, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 123-126, 16th National Technical–Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23-24, 2017, Oradea, ROMANIA, ISBN: 978-88-87729-41-2, Published: 2017;
- 42. Birdeanu, M., Vaida, M., Ursu, D., Fagadar-Cosma, E. Obtaining and Characterization of Zn3V208 and Mg3V208 Pseudo Binary Oxide Nanomaterials by Hydrothermal Method, TIM15-16 PHYSICS CONFERENCE, Book Series: AIP Conference Proceedings, Volume: 1796, Article Number: UNSP 030006-1, TIM15-16 Physics Conference, MAY 26-28, 2016, Timisoara, ROMANIA, ISSN: 0094-243X, ISBN: 978-0-7354-1462-4, Published: 2017;
- Birtok-Baneasa, C., Ratiu, S.A., Alexa, V., Craciun, A.L., Josan, A., Budiul-Berghian, A. Reducing emissions by using special air filters for internal combustion engines, INNOVATIVE IDEAS IN SCIENCE 2016, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 200, Article Number: UNSP 012011, Conference on Innovative Ideas in Science, NOV 10–11, 2016, Baia Mare, ROMANIA, ISSN: 1757–8981, Published: 2017;
- 44. Birtok-Baneasa, C., Ratiu, S., Heput, T. Influence of intake air temperature on internal combustion engine operation, INTERNATIONAL CON-FERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012039, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- Birtok-Baneasa, C., Ratiu, S.A., Heput, T. Calculation of Thermal Conductivity for New Materials used in Intake Systems of Internal Combustion Engines, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS 2016 (ICNAAM-2016), Book Series: AIP Conference Proceedings, Volume: 1863, Article Number: UNSP 130008-1, International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), SEP 19-25, 2016, Rhodes, GREECE, ISSN: 0094-243X, ISBN: 978-0-7354-1538-6, Published: 2017;
- 46. Blaj, C., Toader, D., Maghet, A., Pop, O. Electro-mechanic Transient on Starting DC Electrical Machine Using a Semi-controlled Rectifier, 2017 14TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 99–102, 14th International Conference on Engineering of Modern Electric Systems (EMES), JUN 01–02, 2017, ORADEA, ROMANIA, ISBN: 978–1–5090–6073–3, Published: 2017;
- 47. Blidariu, C., Giurea, D. TETRAPOLIS an exercise in building the complexities of proximity space, ERPA INTERNATIONAL CONGRESSES ON EDUCATION 2017 (ERPA 2017), Book Series: SHS Web of Conferences, Volume: 37, Article Number: 01009, ERPA International Congresses on Education (ERPA), MAY 18–21, 2017, Budapest, HUNGARY, ISSN: 2261–2424, Published: 2017;
- 48. Bodin, F., Mnerie, D., Tucu, D., Nagy, V. ELEMENTS TO OPTIMIZE OF THE EDUCATIONAL AND FORMATIVE MANAGEMENT OF ENGINEERS SPE-CIALIZED FOR JOBS IN THE AGRICULTURE'S MECHANIZATION, ACTUAL TASKS ON AGRICULTURAL ENGINEERING, Book Series: Actual Tasks on Agricultural Engineering-Zagreb, Volume: 45, Pages: 623-629, 45th International Symposium on Agricultural Engineering, FEB 21-24, 2017, Opatija, CROATIA, ISSN: 1848-4425, Published: 2017;



- 49. Boita, I.E., Dan, D., Stoian, V.A., Florut, S.C., Todea, V.C. Composite Steel Fibber Reinforced Concrete Shear Walls with Vertical Steel Encased Profiles. Experimental Study, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 127-132, 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23-24, 2017, Oradea, ROMANIA, ISBN: 978-88-87729-41-2, Published: 2017;
- Boita, I.E., Dan, D., Stoian, V. Seismic Behaviour of Composite Steel Fibre Reinforced Concrete Shear Walls, WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM – WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 022006, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12-16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;
- Bojan-Dragos, C.A., Precup, R.E., Hergane, S., Teban, T.A., Petriu, E.M. Fuzzy Logic-Based Adaptive Control Scheme for Magnetic Levitation Systems, 2017 IEEE 5TH INTERNATIONAL SYMPOSIUM ON ROBOTICS AND INTELLIGENT SENSORS (IRIS), Pages: 160-165, 5th IEEE International Symposium on Robotics and Intelligent Sensors (IEEE IRIS), OCT 05-07, 2017, Ottawa, CANADA, ISBN: 978-1-5386-1342-9, Published: 2017;
- 52. Bojan-Dragos, C.A., Precup, R.E., Preitl, S., Radac, M.B., Matei, D.A., Tanasoiu, O., Petriu, E.M. Combined Control Solution for an Advanced Mechatronics Application, 2017 21ST INTERNATIONAL CONFERENCE ON SYSTEM THEORY, CONTROL AND COMPUTING (ICSTCC), Book Series: International Conference on System Theory Control and Computing, Pages: 629-634, 21st International Conference on System Theory, Control and Computing (ICSTCC), OCT 19-21, 2017, Sinaia, ROMANIA, ISSN: 2372-1618, ISBN: 978-1-5386-3842-2, Published: 2017;
- 53. Boldea, I., Popa, A., Tutelea, L. Large wind generators design, performance and control: an overview, 2017 INTERNATIONAL SYMPOSIUM ON POWER ELECTRONICS (EE), 19th International Symposium on Power Electronics (Ee), OCT 19–21, 2017, NOVI SAD, SERBIA, ISBN: 978–1-5386–3502–5, Published: 2017;
- 54. Boldea, I., Tutelea, L.N., Hulea, D., Muntean, N. A step capacitor controlled 1 phase a.c. autonomous PM generator, with experiments, 2017 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) & 2017 INTL AEGEAN CONFERENCE ON ELECTRICAL MACHINES AND POWER ELECTRONICS (ACEMP), Pages: 253-260, International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) / Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), MAY 25-27, 2017, Brasov, ROMANIA, ISBN: 978-1-5090-4489-4, Published: 2017;
- 55. Boncalo, O., Savin, V., Amaricai, A. Unrolled Layered Architectures For Non-Surjective Finite Alphabet Iterative Decoders, 2017 IEEE NORDIC CIRCUITS AND SYSTEMS CONFERENCE (NORCAS): NORCHIP AND INTERNATIONAL SYMPOSIUM OF SYSTEM-ON-CHIP (SOC), IEEE Nordic Circuits and Systems Conference (NORCAS) / NORCHIP and International Symposium of System-on-Chip (SoC), OCT 23-25, 2017, Linkoping, SWEDEN, ISBN: 978-1-5386-2844-7, Published: 2017;
- Bordeasu, I., Popoviciu, M.O., Salcianu, L.C., Ghera, C., Micu, L.M., Badarau, R., Iosif, A., Pirvulescu, L.D., Podoleanu, C.E. A new concept for stainless steels ranking upon the resistance to cavitation erosion, INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012002, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 57. Bosioc, A.I., Stuparu, A., Susan-Resiga, R. Numerical Analysis of Temperature and Torque in A Magneto-Rheological Clutch, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS 2016 (ICNAAM-2016), Book Series: AIP Conference Proceedings, Volume: 1863, Article Number: UNSP 030015-1, International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), SEP 19-25, 2016, Rhodes, GREECE, ISSN: 0094-243X, ISBN: 978-0-7354-1538-6, Published: 2017;
- Both, I., Marginean, I., Neagu, C., Dinu, F., Dubina, D., Zaharia, R. EXPERIMENTAL RESEARCH ON T-STUBS UNDER ELEVATED TEMPERATURES, APPLICATIONS OF STRUCTURAL FIRE ENGINEERING, Book Series: Applications of Structural Fire Engineering-Series, International Conference on Applications of Structural Fire Engineering, OCT 15–16, 2015, Dubrovnik, CROATIA, ISSN: 2336–7318, ISBN: 978–80–01–06194–7, Published: 2017;
- Branea, A.M., Gaman, M., Badescu, S. Social, Spatial and Legislative Strategy to Shift Urban Mobility Patterns, WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM – WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 082016, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12-16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;

- 60. Branea, A.M., Gaman, M.S., Badescu, S. Network of Green Areas within Collective Housing Communities Case Study from Timisoara, Romania, WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM – WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 082018, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12-16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;
- 61. Branea, A.M., Gaman, M., Badescu, S. Urban Mobility Analysis on Efficiency and Sustainability by Means of Transportation, WORLD MULTI-DISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM - WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 082020, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12-16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;
- 62. Brata, S., Cotorobai, V., Brata, S., Tanasa, C. Thermal Performances of a Ground-Air Heat Exchanger Integrated in a Mechanical Ventilation System of a Residential Building – Daily and Hourly Models, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 133-138, 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23-24, 2017, Oradea, ROMANIA, ISBN: 978-88-87729-41-2, Published: 2017;
- 63. Bujor, M. Proof of concept mathemathical model of a modulation breaking the Shannon limit, 2017 IEEE 23RD INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME), Pages: 304–308, 23rd IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME), OCT 26–29, 2017, Constanta, ROMANIA, ISBN: 978–1–5386–1626–0, Published: 2017;
- 64. Bularka, S., Gontean, A. Dynamic PV Array Reconfiguration under Suboptimal Conditions in Hybrid Solar Energy Harvesting Systems, 2017 IEEE 23RD INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME), Pages: 419-422, 23rd IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME), OCT 26-29, 2017, Constanta, ROMANIA, ISBN: 978-1-5386-1626-0, Published: 2017;
- 65. Bularka, S., Gontean, A. Hybrid-loop Controlled Solar Tracker for Hybrid Solar Energy Harvester, 2017 25TH TELECOMMUNICATION FORUM (TELFOR), Pages: 581-584, 25th Telecommunication Forum (TELFOR), NOV 21-22, 2017, Belgrade, SERBIA, ISBN: 978-1-5386-3073-0, Published: 2017;
- 66. Bumb, C., Radac, M.B., Precup, R.E., Roman, R.C. Data-Driven Nonlinear VRFT for Dead-Zone Compensation in Servo Systems Control, 2017 21ST INTERNATIONAL CONFERENCE ON SYSTEM THEORY, CONTROL AND COMPUTING (ICSTCC), Book Series: International Conference on System Theory Control and Computing, Pages: 816-821, 21st International Conference on System Theory, Control and Computing (ICSTCC), OCT 19-21, 2017, Sinaia, ROMANIA, ISSN: 2372-1618, ISBN: 978-1-5386-3842-2, Published: 2017;
- 67. Burca, M., Lucaciu, I., Magda, A. TECHNOLOGICAL PARTICULARITIES REGARDING MANUAL METAL ARC WELDING USING PULSED CURRENT FOR BUTT JOINTS, METAL 2017: 26TH INTERNATIONAL CONFERENCE ON METALLURGY AND MATERIALS, Pages: 930–935, 26th International Conference on Metallurgy and Materials (METAL), MAY 24–26, 2017, Brno, CZECH REPUBLIC, ISBN: 978–80–87294–79–6, Published: 2017;
- 68. Busuioc, S., Ambrus, V.E., Sofonea, V. Lattice Boltzmann Simulation of Droplet Formation in T-junction Geometries, TIM15-16 PHYSICS CON-FERENCE, Book Series: AIP Conference Proceedings, Volume: 1796, Article Number: UNSP 020009, TIM15-16 Physics Conference, MAY 26-28, 2016, Timisoara, ROMANIA, ISSN: 0094-243X, ISBN: 978-0-7354-1462-4, Published: 2017;
- 69. Buteica, D., Borbath, I., Nicolae, I.V., Turcu, R., Marinica, O., Socoliuc, V. Optimization of Multicore-Shell Fe304-Si02 Magnetic Nanocomposites Synthesis and Retention in Cellulose Pulp, TIM17 PHYSICS CONFERENCE, Book Series: AIP Conference Proceedings, Volume: 1916, Article Number: UNSP 040013, 17th Physics Conference, MAY 25-27, 2017, Timisoara, ROMANIA, ISSN: 0094-243X, ISBN: 978-0-7354-1608-6, Published: 2017;
- Canda, L.R., Ardelean, E. Preliminary experimental research for silver recovery from radiographic films, INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012024, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 71. Carjan, R., Idiceanu–Mathe, D., Banescu, O.A. Rural Systematization as an Instrument of Political Control of the Communist Regime in Romania, WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM — WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 052053, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12-16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;



- 72. Cebrucean, D., Cebrucean, V., Ionel, I. Efficiency Improvement of an Iron-based Syngas Fueled Chemical Looping Combustion Plant with Carbon Capture, 13TH INTERNATIONAL CONFERENCE ON GREENHOUSE GAS CONTROL TECHNOLOGIES, GHGT-13, Book Series: Energy Procedia, Volume: 114, Pages: 309-316, 13th International Conference on Greenhouse Gas Control Technologies (GHGT), NOV 14-18, 2016, Lausanne, SWITZERLAND, ISSN: 1876-6102, Published: 2017;
- Chatterjee, S., Dzitac, S., Sen, S., Rohatinovici, N.C., Dey, N., Ashour, A.S., Balas, V.E. Hybrid Modified Cuckoo Search-Neural Network in Chronic Kidney Disease Classification, 2017 14TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 164–167, 14th International Conference on Engineering of Modern Electric Systems (EMES), JUN 01–02, 2017, ORADEA, ROMANIA, ISBN: 978–1–5090–6073–3, Published: 2017;
- 74. Chilnicean, G.A., Sprancenatu, R., Zhao, X.K., Craciunescu, C.M. Development of Ti-Nb-Zr Shape Memory Alloys, TIM17 PHYSICS CONFER-ENCE, Book Series: AIP Conference Proceedings, Volume: 1916, Article Number: UNSP 040008, 17th Physics Conference, MAY 25-27, 2017, Timisoara, ROMANIA, ISSN: 0094-243X, ISBN: 978-0-7354-1608-6, Published: 2017;
- 75. Chioncel, C.P., Tirian, G.O., Gillich, N., Hatiegan, C., Elisabeta, S. Overview of the wind energy market and renewable energy policy in Romania, INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012009, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- Chirita, M., Kiss, M.L., Banica, R., Ieta, A. Obtaining of 3D Nanostructured alpha-Fe203/Ag Nanosheets Ensembles, TIM15-16 PHYSICS CON-FERENCE, Book Series: AIP Conference Proceedings, Volume: 1796, Article Number: UNSP 030005-1, TIM15-16 Physics Conference, MAY 26-28, 2016, Timisoara, ROMANIA, ISSN: 0094-243X, ISBN: 978-0-7354-1462-4, Published: 2017;
- Cioabla, A.E., Dumitrel, G.A., Popescu, F., Lelea, D., Trif-Tordai, G. Biogas Production Using Residual Waters in Co-fermentation Processes, MATERIALS TODAY-PROCEEDINGS, Volume: 4, Issue: 7, Pages: 6757-6763, Part: 1, 13th International Conference on Nanosciences and Nanotechnologies (NN) / 9th International Symposium on Flexible Organic Electronics (ISFOE), JUL 04-07, 2016, Thessaloniki, GREECE, ISSN: 2214-7853, Published: 2017;
- Cioata, V.G., Kiss, I., Alexa, V., Ratiu, S.A. The optimization of the position and the magnitude of the clamping forces in machining fixtures, IN-NOVATIVE IDEAS IN SCIENCE 2016, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 200, Article Number: UNSP 012015, Conference on Innovative Ideas in Science, NOV 10-11, 2016, Baia Mare, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 79. Cioata, V.G., Kiss, I., Alexa, V., Ratiu, S.A. Mechanical and thermal analysis of the internal combustion engine piston using Ansys, INTERNA-TIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012043, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- Ciupe, V., Margineanu, D., Lovasz, E.C. Scaled Test Stand Simulation for Studying the Behavior of Anti-lock Brake Systems on Bumpy Roads, NEW ADVANCES IN MECHANISMS, MECHANICAL TRANSMISSIONS AND ROBOTICS, Book Series: Mechanisms and Machine Science, Volume: 46, Pages: 197–205, Joint International Conference of the 12th International Conference on Mechanisms and Mechanical Transmissions (MTM) / 23rd International Conference on Robotics (Robotics), OCT 26–27, 2016, Aachen, GERMANY, ISSN: 2211–0984, ISBN: 978–3–319– 45450–4; 978–3–319–45449–8, Published: 2017;
- Cococeanu, A.L., Cretan, I.A., Cojocinescu, M.I., Man, T.E., Pelea, G.N. Water Wells Monitoring Using SCADA System for Water Supply Network, Case Study: Water Treatment Plant Urseni, Timis County, Romania, WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM – WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 022025, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12-16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;
- 82. Cosnita, R., Caba, C., Nafornita, I. Radio Network Planning using a Design-Build-Operate Model, 2017 INTERNATIONAL SYMPOSIUM ON SIG-NALS, CIRCUITS AND SYSTEMS (ISSCS), International Symposium on Signals, Circuits and Systems (ISSCS), JUL 13–14, 2017, Iasi, ROMANIA, ISBN: 978–1–5386–0674–2, Published: 2017;
- Craciun, A.L., Pinca-Bretotean, C., Birtok-Baneasa, C., Josan, A. Composites materials for friction and braking application, INNOVATIVE IDEAS IN SCIENCE 2016, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 200, Article Number: UNSP 012009, Conference on Innovative Ideas in Science, NOV 10–11, 2016, Baia Mare, ROMANIA, ISSN: 1757–8981, Published: 2017;

- Craciun, A.L., Pinca-Bretotean, C., Utu, D., Josan, A. Tribological properties of nonasbestos brake pad material by using coconut fiber, INTER-NATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012014, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 85. Cretan, I.A., Nemes, N. Measuring Air Quality in a Construction Site Biotope Using the AQM-65 Analyser, WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM – WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 052019, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12-16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;
- Crisan, A., Ivan, A., Handabut, A. Dynamic Analysis of Internal Wind Pressure on Non-Structural Elements, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 147-152, 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23-24, 2017, Oradea, ROMANIA, ISBN: 978-88-87729-41-2, Published: 2017;
- 87. Crisan, G.C., Tucu, D., Boboescu, R. IMPROVEMENT OF SAFE & HEALTHY WORK SYSTEMS IN AGRICULTURAL SME'S, ACTUAL TASKS ON AG-RICULTURAL ENGINEERING, Book Series: Actual Tasks on Agricultural Engineering-Zagreb, Volume: 45, Pages: 657-663, 45th International Symposium on Agricultural Engineering, FEB 21-24, 2017, CROATIA, ISSN: 1848-4425, Published: 2017;
- 88. Crisan-Vida, M., Jura, D., Stoicu-Tivadar, L., Moza, A., Bernad, E. Communication between Hospital Departments Using Standards, 13TH CONFERENCE OF THE ROMANIAN-GERMAN SOCIETY OF OBSTETRICS AND GYNECOLOGY, Pages: 54-59, 13th Conference of the Romanian-German-Society-of-Obstetrics-and-Gynecology, SEP 14-16, 2017, Timisoara, ROMANIA, ISBN: 978-88-95922-95-9, Published: 2017;
- 89. Crisan-Vida, M., Vladulescu, A., Stoicu-Tivadar, L., Moza, A., Bernad, E. ICT Solution Supporting Collaboration between Clinicians, 5TH ROMA-NIAN CONGRESS OF THE ROMANIAN SOCIETY OF ULTRASOUND IN OBSTETRICS AND GYNECOLOGY, Pages: 649–653, 5th Romanian Congress of the Romanian-Society-of-Ultrasound-in-Obstetrics-and-Gynecology, APR 20-22, 2017, Targu Mures, ROMANIA, ISBN: 978-88-95922-88-1, Published: 2017;
- 90. De Sabata, A., Balint, C., Bechet, P., Miclaus, S. USRP Based HF Spectrum Occupancy Measurements at Two Locations in Central and Western Romania, 2017 INTERNATIONAL SYMPOSIUM ON SIGNALS, CIRCUITS AND SYSTEMS (ISSCS), International Symposium on Signals, Circuits and Systems (ISSCS), JUL 13-14, 2017, Iasi, ROMANIA, ISBN: 978-1-5386-0674-2, Published: 2017;
- 91. Dinis, C.M., Popa, G.N., lagar, A. Analysis of synchronous and induction generators used at hydroelectric power plant, INTERNATIONAL CON-FERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012033, International Conference on Applied Sciences (ICAS), MAY 25–27, 2016, Hunedoara, ROMANIA, ISSN: 1757–8981, Published: 2017;
- 92. Dinis, C.M., Popa, G.N., Iagar, A. Automation Heating and Pumping for Water Using Zelio PLC, 2017 10TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE), Book Series: International Symposium on Advanced Topics in Electrical Engineering, Pages: 903-908, 10th International Symposium on Advanced Topics in Electrical Engineering (ATEE), MAR 23-25, 2017, Bucharest, ROMANIA, ISSN: 1843-8571, ISBN: 978-1-5090-5160-1, Published: 2017;
- 93. Dobrean, C., Greconici, M., Madescu, G., Mot, M., Biriescu, M. FEM Analysis of a Synchronous Generator with Inset Permanent Magnet Rotor, 2017 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) & 2017 INTL AEGEAN CONFERENCE ON ELECTRICAL MACHINES AND POWER ELECTRONICS (ACEMP), Pages: 395-400, International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) / Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), MAY 25-27, 2017, Brasov, ROMANIA, ISBN: 978-1-5090-4489-4, Published: 2017;
- 94. Dolga, V., Dolga, L., Moldovan, C. Modelling and Simulation of Linear Actuators in Mechatronic Systems, NEW ADVANCES IN MECHANISMS, MECHANICAL TRANSMISSIONS AND ROBOTICS, Book Series: Mechanisms and Machine Science, Volume: 46, Pages: 351-358, Joint International Conference of the 12th International Conference on Mechanisms and Mechanical Transmissions (MTM) / 23rd International Conference on Robotics (Robotics), OCT 26-27, 2016, Aachen, GERMANY, ISSN: 2211-0984, ISBN: 978-3-319-45450-4; 978-3-319-45449-8, Published: 2017;



- 95. Draghici, I., Atanasoaiei, C., Bosioc, A., Muntean, S., Anton, L.E. Experimental analysis of the global performances for a pump with symmetrical suction elbow at two speeds, SUSTAINABLE SOLUTIONS FOR ENERGY AND ENVIRONMENT, EENVIRO 2016, Book Series: Energy Procedia, Volume: 112, Pages: 225-231, Conference on Sustainable Solutions for Energy and Environment (EENVIRO), OCT 26-28, 2016, Bucharest, ROMANIA, ISSN: 1876-6102, Published: 2017;
- 96. Draghici, S., Tean, O.P., Raduca, E., Iegan, C.H., Halalae, I., Padureanu, I., Nedeloni, M., Hatiegan, L.B. Study regarding the density evolution of messages and the characteristic functions associated of a LDPC code, INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012032, International Conference on Applied Sciences (ICAS), MAY 25–27, 2016, Hunedoara, ROMANIA, ISSN: 1757–8981, Published: 2017;
- Duma, M.A., Duma, V.F. Two-mirror device for laser scanning systems: Multi-parametric analysis, MODELING ASPECTS IN OPTICAL METROL-OGY VI, Book Series: Proceedings of SPIE, Volume: 10330, Article Number: UNSP 1033014, Conference on Modeling Aspects in Optical Metrology VI as part of SPIE Optical Metrology Symposium, JUN 26-28, 2017, Munich, GERMANY, ISSN: 0277-786X, ISBN: 978-1-5106-1106-1; 978-1-5106-1105-4, Published: 2017;
- Duma, V.F. Analysis of polygonal mirror scanning heads: from industrial to high-end applications in swept sources for OCT, DESIGN AND QUALITY FOR BIOMEDICAL TECHNOLOGIES X, Book Series: Proceedings of SPIE, Volume: 10056, Article Number: UNSP 100560P, Conference on Design and Quality for Biomedical Technologies X, JAN 28-29, 2017, San Francisco, CA, ISSN: 0277–786X, eISSN: 1996–756X, ISBN: 978– 1–5106–0553–4; 978–1–5106–0554–1, Published: 2017;
- 99. Duma, V.F., Cira, O., Demian, D. Optical choppers with rotational elements: Modeling, design, and prototypes, OPTICAL SENSORS 2017, Book Series: Proceedings of SPIE, Volume: 10231, Article Number: UNSP 102311K, Conference on Optical Sensors, APR 24–27, 2017, Prague, CZECH REPUBLIC, ISSN: 0277-786X, ISBN: 978-1-5106-0963-1; 978-1-5106-0964-8, Published: 2017;
- 100. Duma, V.F., Demian, D., Csukas, E.S., Pop, N., Cira, O. Non-conventional optomechanical choppers: Analysis and design of novel prototypes, OPTIFAB 2017, Book Series: Proceedings of SPIE, Volume: 10448, Article Number: UNSP 104481W, Optifab Conference, OCT 16-20, 2017, Rochester, NY, ISSN: 0277-786X, eISSN: 1996-756X, ISBN: 978-1-5106-1365-2; 978-1-5106-1364-5, Published: 2017;
- 101. Dutescu, D.A., Radac, M.B., Precup, R.E. Model Predictive Control of a Nonlinear Laboratory Twin Rotor Aero-dynamical System, 2017 IEEE 15TH INTERNATIONAL SYMPOSIUM ON APPLIED MACHINE INTELLIGENCE AND INFORMATICS (SAMI), Pages: 37–42, 15th IEEE International Symposium on Applied Machine Intelligence and Informatics (SAMI), JAN 26–28, 2017, Herlany, SLOVAKIA, ISBN: 978–1–5090–5655–2, Published: 2017;
- Everson, M., Duma, V.F., Dobre, G. Optical power transmission in a polygon mirror-based swept source optical coherence tomography system, DIGITAL OPTICAL TECHNOLOGIES 2017, Book Series: Proceedings of SPIE, Volume: 10335, Article Number: UNSP 1033520, Conference on Digital Optical Technologies, JUN 26-28, 2017, Munich, GERMANY, ISSN: 0277-786X, eISSN: 1996-756X, ISBN: 978-1-5106-1116-0; 978-1-5106-1115-3, Published: 2017;
- Everson, M., Duma, V.F., Dobre, G. Geometric & Radiometric Vignetting Associated with a 72-Facet, Off-Axis, Polygon Mirror for Swept Source Optical Coherence Tomography (SS-OCT), TIM15-16 PHYSICS CONFERENCE, Book Series: AIP Conference Proceedings, Volume: 1796, Article Number: 040004, TIM15-16 Physics Conference, MAY 26-28, 2016, Timisoara, ROMANIA, ISSN: 0094-243X, ISBN: 978-0-7354-1462-4, Published: 2017;
- 104. Farkas, A.Z., Mateas, M., Argesanu, V., Mateas, I. New Methods and Means to Assist the Probation Officers During the Probationer Interview, INTERNATIONAL CONFERENCE MULTIDISCIPLINARY PERSPECTIVES IN THE QUASI-COERCIVE TREATMENT OF OFFENDERS (SPECTO), 6TH EDI-TION, Pages: 35-40, International Conference on Multidisciplinary Perspectives in the Quasi-Coercive Treatment of Offenders, MAY 11-12, 2017, Freiburg, GERMANY, ISBN: 978-88-95922-99-7, Published: 2017;
- 105. Fekete-Nagy, L., Mosoarca, M., Partene, E., Diaconu, D. Reinforced Concrete Elements Designed By Alternative Procedure, MODERN TECH-NOLOGIES FOR THE 3RD MILLENNIUM, Pages: 159–162, 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23–24, 2017, Oradea, ROMANIA, ISBN: 978–88–87729–41–2, Published: 2017;
- 106. Filip, B., Frigura-Iliasa, F.M., Dolga, L., Andea, P. Human Machine Interface for the Sluice of a Hydro Power Complex, 2017 IEEE 21ST INTER-NATIONAL CONFERENCE ON INTELLIGENT ENGINEERING SYSTEMS (INES), Book Series: IEEE International Conference on Intelligent Engineering Systems, Pages: 147-150, 21st IEEE International Conference on Intelligent Engineering Systems (INES), OCT 20-23, 2017, Larnaca, CYPRUS, ISSN: 1562-5850, ISBN: 978-1-4799-7677-5, Published: 2017;

- Flori, M., Putan, V., Vilceanu, L. Using the heat flow plate method for determining thermal conductivity of building materials, INTERNA-TIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012018, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- Fofiu, M., Stoian, V. Using EBR CFRP Strips only on Failure Cracks to Retrofit a Reinforced Concrete Wall Panel Subjected to Seismic Actions, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 163–168, 16th National Technical–Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23–24, 2017, Oradea, ROMANIA, ISBN: 978–88–87729–41–2, Published: 2017;
- 109. Frigura-Iliasa, M., Cazacu, E., Frigura-Iliasa, F.M. Educational Perspective of Low Voltage Power Quality In Modern Electric Installations, 2017 16TH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY BASED HIGHER EDUCATION AND TRAINING (ITHET), Book Series: International Conference on Information Technology Based Higher Education and Training, 16th International Conference on Information Technology Based Higher Education and Training (ITHET), JUL 10-12, 2017, Ohrid, MACEDONIA, ISSN: 2380-1603, ISBN: 978-1-5386-3968-9, Published: 2017;
- 110. Frigura-Iliasa, M., Cazacu, E., Petrescu, L., Frigura-Iliasa, F.M. Computer Aided Study of the Hard-Magnetic Materials Anisotropy, 2017 IEEE 21ST INTERNATIONAL CONFERENCE ON INTELLIGENT ENGINEERING SYSTEMS (INES), Book Series: IEEE International Conference on Intelligent Engineering Systems, Pages: 109-112, 21st IEEE International Conference on Intelligent Engineering Systems (INES), 0CT 20-23, 2017, Larnaca, CYPRUS, ISSN: 1562-5850, ISBN: 978-1-4799-7677-5, Published: 2017;
- 111. Frioui, M., Shamtsyan, M., Gaceu, L., Oprea, O.B., Mnerie, D. RHEOLOGICAL INFLUENCE OF (1-3)(1-6) MUSHROOMS beta-GLUCAN, USED AS FLOUR SUBSTITUTION IN BAKERY INDUSTRY, ACTUAL TASKS ON AGRICULTURAL ENGINEERING, Book Series: Actual Tasks on Agricultural Engineering-Zagreb, Volume: 45, Pages: 377-384, 45th International Symposium on Agricultural Engineering, FEB 21-24, 2017, Opatija, CROATIA, ISSN: 1848-4425, Published: 2017;
- 112. Frydenberg, M., Andone, D. Collaborative Learning about Augmented Reality from Technology and Business Perspectives, 2017 IEEE 17TH INTERNATIONAL CONFERENCE ON ADVANCED LEARNING TECHNOLOGIES (ICALT), Book Series: IEEE International Conference on Advanced Learning Technologies, Pages: 493-495, 17th IEEE International Conference on Advanced Learning Technologies (ICALT), JUL 03-07, 2017, Timisoara, ROMANIA, ISSN: 2161-3761, ISBN: 978-1-5386-3870-5, Published: 2017;
- 113. Fulga, S., Davidescu, A., Effenberger, I. Conceptual approach for an in-line quality control system in Additive Manufacturing Powder Bed Fusion processes, 4TH INTERNATIONAL CONFERENCE ON COMPUTING AND SOLUTIONS IN MANUFACTURING ENGINEERING 2016 COSME'16, Book Series: MATEC Web of Conferences, Volume: 94, Article Number: UNSP 03006, 4th International Conference on Computing and Solutions in Manufacturing Engineering (CoSME), NOV 03-04, 2016, Brasov, ROMANIA, ISSN: 2261–236X, Published: 2017;
- 114. Fulga, S., Davidescu, A., Effenberger, I. Identification of in-line defects and failures during Additive Manufacturing Powder Bed Fusion processes, 4TH INTERNATIONAL CONFERENCE ON COMPUTING AND SOLUTIONS IN MANUFACTURING ENGINEERING 2016 COSME'16, Book Series: MATEC Web of Conferences, Volume: 94 Article Number: UNSP 03005, 4th International Conference on Computing and Solutions in Manufacturing Engineering (CoSME), NOV 03-04, 2016, Brasov, ROMANIA, ISSN: 2261-236X, Published: 2017;
- 115. Gal-Nadasan, N., Gal-Nadasan, E.G., Stoicu-Tivadar, V., Poenaru, D.V., Popa-Andrei, D. Measuring the Negative Impact of Long Sitting Hours at High School Students Using the Microsoft Kinect, HEALTH INFORMATICS MEETS EHEALTH: DIGITAL INSIGHT - INFORMATION-DRIVEN HEALTH & CARE, Book Series: Studies in Health Technology and Informatics, Volume: 236, Pages: 383-388, PubMed ID: 28508821, 11th Annaul Conference on Health Informatics Meets eHealth (eHealth), MAY 23-24, 2017, Schloss Schonbrunn, AUSTRIA, ISSN: 0926-9630, eISSN: 1879-8365, ISBN: 978-1-61499-759-7; 978-1-61499-758-0, Published: 2017;
- 116. Ganea, G. Hindsight: Revealing the Evolution of Dependencies to Developers, 2017 IEEE 24TH INTERNATIONAL CONFERENCE ON SOFTWARE ANALYSIS, EVOLUTION, AND REENGINEERING (SANER), Pages: 511–515, 24th IEEE International Conference on Software Analysis, Evolution and Reengineering (SANER), FEB 20–24, 2017, Klagenfurt, AUSTRIA, ISBN: 978–1–5090–5501–2, Published: 2017;
- 117. Georgescu, M., Ungureanu, V., Grecea, D., Petran, I. Conversion of a Temporary Tent with Steel Frame into a Permanent Warehouse, WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 022056, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12-16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757–8981, Published: 2017;



- 118. Gheju, M., Balcu, I. Cheap metallic iron source for hexavalent chromium removal, 4TH INTERNATIONAL CONFERENCE ON ENERGY AND ENVIRONMENT RESEARCH, ICEER 2017, Book Series: Energy Procedia, Volume: 136, Pages: 133–138, 4th International Conference on Energy and Environment Research (ICEER), JUL 17–20, 2017, Porto, PORTUGAL, ISSN: 1876–6102, Published: 2017;
- 119. Ghiormez, L., Prostean, O., Panoiu, M., Panoiu, C. GUI for studying the parameters influence of the electric arc model for a three-phase electric arc furnace, INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012026, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 120. Ghitescu, M.A., Lazar, G., Constantin, A.T., Nicoara, S.V. Numerical Model of Transitory Flood Flow in 2005 on River Timis, WORLD MULTIDIS-CIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM – WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 022078, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12–16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;
- 121. Giurea, D., Blidariu, C. Working with mass and light: A challenge for architecture students, ERPA INTERNATIONAL CONGRESSES ON EDUCA-TION 2017 (ERPA 2017), Book Series: SHS Web of Conferences, Volume: 37, Article Number: 01010, ERPA International Congresses on Education (ERPA), MAY 18-21, 2017, Budapest, HUNGARY, ISSN: 2261-2424, Published: 2017;
- 122. Greculescu, A., Todorescu, L.L. ENGLISH TEACHER'S CLASSROOM LANGUAGE AN EMPOWERING TOOL FOR ENGINEERING STUDENTS, 2ND CENTRAL & EASTERN EUROPEAN LUMEN INTERNATIONAL CONFERENCE MULTIDIMENSIONAL EDUCATION & PROFESSIONAL DEVELOP-MENT. ETHICAL VALUES (MEPDEV), 2ND EDITION, Book Series: European Proceedings of Social and Behavioural Sciences, Volume: 27, Pages: 277–282, 2nd Central and Eastern European LUMEN International Conference on Multidimensional Education and Professional Development, Ethical Values (MEPDEV), NOV 17–19, 2016, Targoviste, ROMANIA, ISSN: 2357–1330, Published: 2017;
- 123. Gridan, M.R., David, V. Digital Terrain Model Draw Up Using Photogrammetry, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 23–28, 16th National Technical–Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23–24, 2017, Oradea, ROMANIA, ISBN: 978–88–87729–41–2, Published: 2017;
- Gridan, M.R., Herban, S., Grecea, O. Mathematical Support for Surveying Measurements in Order to Obtain the DraftTube Three-Dimensional Model, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS 2016 (ICNAAM-2016), Book Series: AIP Conference Proceedings, Volume: 1863, Article Number: UNSP 430003-1, International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), SEP 19-25, 2016, Rhodes, GREECE, ISSN: 0094-243X, ISBN: 978-0-7354-1538-6, Published: 2017;
- 125. Grigorescu, S.M., Lovasz, E.C., Margineanu, D.T., Pop, C., Pop, F. Dimensional Synthesis of Planar Parallel Manipulator Using Geared Linkages with Linear Actuation as Kinematic Chains, NEW ADVANCES IN MECHANISMS, MECHANICAL TRANSMISSIONS AND ROBOTICS, Book Series: Mechanisms and Machine Science, Volume: 46, Pages: 77-85, Joint International Conference of the 12th International Conference on Mechanisms and Mechanical Transmissions (MTM) / 23rd International Conference on Robotics (Robotics), OCT 26-27, 2016, Aachen, GERMANY, ISSN: 2211-0984, ISBN: 978-3-319-45450-4; 978-3-319-45449-8, Published: 2017;
- 126. Grozav, A., Beilicci, R., Beilicci, E. Modelling of Sediment Transport of the Mehadica River, Caras Severin County, Romania, WORLD MULTIDIS-CIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM – WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 032030, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12-16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;
- 127. Gruicin, I., Popa, M. Airify A mobile solution for monitoring air quality in urban areas, 2017 25TH TELECOMMUNICATION FORUM (TELFOR), Pages: 705–708, 25th Telecommunication Forum (TELFOR), NOV 21–22, 2017, Belgrade, SERBIA, ISBN: 978–1–5386–3073–0, Published: 2017;
- 128. Halbac-Cotoara-Zamfir, R., Herban, S., Petursdottir, T., Finger, D.C. APPLIED HYDROTECHNICS IN AGRICULTURE AN ANSWER TO WATER SCARCITY, ACTUAL TASKS ON AGRICULTURAL ENGINEERING, Book Series: Actual Tasks on Agricultural Engineering-Zagreb, Volume: 45, Pages: 81-86, 45th International Symposium on Agricultural Engineering, FEB 21–24, 2017, Opatija, CROATIA, ISSN: 1848–4425, Published: 2017;

- 129. Halbac-Cotoara-Zamfir, R., Herban, S., Petursdottir, T., Finger, D.C. INNOVATIVE SUSTAINABLE LAND MANAGEMENT PRACTICES FOR LAND-SCAPES UNDER CLIMATE CHANGES THREATS, ACTUAL TASKS ON AGRICULTURAL ENGINEERING, Book Series: Actual Tasks on Agricultural Engineering-Zagreb, Volume: 45, Pages: 17–23, 45th International Symposium on Agricultural Engineering, FEB 21–24, 2017, Opatija, CROA-TIA, ISSN: 1848–4425, Published: 2017;
- 130. Halbac-Cotoara-Zamfir, R., Herban, S., Stolte, J., Bozan, C. Integrated Water Hazards Engineering Based on Mapping, Nature-Based and Technical Solutions, WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 022030, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12-16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;
- 131. Hatiegan, C., Chioncel, C.P., Raduca, E., Popescu, C., Padureanu, I., Jurcu, M.R., Bordeasu, D., Trocaru, S., Dilertea, F., Badescu, O., Terfaloaga, I.M., Bara, A., Hatiegan, L.B. Determining the operating performance through electrical measurements of a hydro generator, INTERNA-TIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012031, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 132. Hedrea, L.E., Bojan-Dragos, C.A., Precup, R.E., Roman, R.C., Petriu, E.M., Hedrea, C. Tensor Product-Based Model Transformation for Position Control of Magnetic Levitation Systems, 2017 IEEE 26TH INTERNATIONAL SYMPOSIUM ON INDUSTRIAL ELECTRONICS (ISIE), Book Series: Proceedings of the IEEE International Symposium on Industrial Electronics, Pages: 1141-1146, 26th IEEE International Symposium on Industrial Electronics (ISIE), JUN 18-21, 2017, Edinburgh, SCOTLAND, ISSN: 2163-5137, ISBN: 978-1-5090-1412-5, Published: 2017;
- 133. Hedrea, E.L., Bojan-Dragos, C.A., Precup, R.E., Teban, T.A. Tensor Product-Based Model Transformation for Level Control of Vertical Three Tank Systems, 2017 IEEE 21ST INTERNATIONAL CONFERENCE ON INTELLIGENT ENGINEERING SYSTEMS (INES), Book Series: IEEE International Conference on Intelligent Engineering Systems, Pages: 113-118, 21st IEEE International Conference on Intelligent Engineering Systems (INES), OCT 20-23, 2017, Larnaca, CYPRUS, ISSN: 1562-5850, ISBN: 978-1-4799-7677-5, Published: 2017;
- 134. Herisanu, N. Optimal Homotopy Asymptotic Approaches to Nonlinear Dynamical Systems in Engineering, PROCEEDINGS OF THE INTERNA-TIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS 2016 (ICNAAM-2016), Book Series: AIP Conference Proceedings, Volume: 1863, Article Number: UNSP 460001–1, International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), SEP 19–25, 2016, Rhodes, GREECE, ISSN: 0094-243X, ISBN: 978-0-7354-1538-6, Published: 2017;
- 135. Herisanu, N., Marinca, V., Madescu, G. Nonlinear Dynamics of a Wind Turbine Permanent Magnet Generator System in Different Wind Profile Conditions, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS 2016 (ICNAAM-2016), Book Series: AIP Conference Proceedings, Volume: 1863, Article Number: UNSP 460002–1, International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), SEP 19–25, 2016, Rhodes, GREECE, ISSN: 0094–243X, ISBN: 978–0–7354–1538–6, Published: 2017;
- 136. Hutiu, G., Duma, V.F., Demian, D., Bradu, A., Podoleanu, A.G. Analysis of the fractures of metallic materials using optical coherence tomography, OPTICAL MEASUREMENT SYSTEMS FOR INDUSTRIAL INSPECTION X, Book Series: Proceedings of SPIE, Volume: 10329, Article Number: UNSP 103292D, Conference on Optical Measurement Systems for Industrial Inspection X part of the SPIE Optical Metrology Symposium, JUN 26-29, 2017, Munich, GERMANY, ISSN: 0277-786X, eISSN: 1996-756X, ISBN: 978-1-5106-1104-7; 978-1-5106-1103-0, Published: 2017;
- 137. lacobici, N.L., Andea, P., Frigura-Iliasa, F.M., Frigura-Iliasa, M. A New Computer Based Design for a 145 kV SF6 Switch, 2017 IEEE 15TH INTERNATIONAL SYMPOSIUM ON APPLIED MACHINE INTELLIGENCE AND INFORMATICS (SAMI), Pages: 207–212, 15th IEEE International Symposium on Applied Machine Intelligence and Informatics (SAMI), JAN 26–28, 2017, Herlany, SLOVAKIA, ISBN: 978–1–5090–5655–2, Published: 2017;
- 138. lacobici, N.L., Frigura-Iliasa, F.M., Vatau, D., Andea, P. Command and Control Interface for a Navigation Lock at a Hydro Power Dam, 2017 INTERNATIONAL CONFERENCE ON INFORMATION AND DIGITAL TECHNOLOGIES (IDT), Pages: 142-145, International Conference on Information and Digital Technologies (IDT), JUL 05-07, 2017, Zilina, SLOVAKIA, ISBN: 978-1-5090-5689-7, Published: 2017;
- 139. lagar, A., Dinis, C.M., Popa, G.N. Experimental analysis of direct current corona discharge, INTERNATIONAL CONFERENCE ON APPLIED SCI-ENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012035, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;



- 140. lagar, A., Popa, G.N., Dinis, C.M. Study of electromagnetic radiation produced by household equipment, INNOVATIVE IDEAS IN SCIENCE 2016, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 200, Article Number: UNSP 012014, Conference on Innovative Ideas in Science, NOV 10-11, 2016, Baia Mare, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 141. lagar, A., Popa, G.N., Dinis, C.M. Investigation of Power Quality Problems at a Wood-Based Panels Plant, 2017 10TH INTERNATIONAL SYM-POSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE), Book Series: International Symposium on Advanced Topics in Electrical Engineering, Pages: 579-584, 10th International Symposium on Advanced Topics in Electrical Engineering (ATEE), MAR 23-25, 2017, Bucharest, ROMANIA, ISSN: 1843-8571, ISBN: 978-1-5090-5160-1, Published: 2017;
- 142. Idiceanu-Mathe, D., Carjan, R. Marasti Village, 1918-1924 ... A Neo-Romanian Experiment, WORLD MULTIDISCIPLINARY CIVIL ENGINEER-ING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM — WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 052039, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WM-CAUS), JUN 12-16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;
- 143. Ionascu, M.E., Marcu, M. Energy Profiling for Different Bluetooth Low Energy Designs, PROCEEDINGS OF THE 2017 9TH IEEE INTERNATIONAL CONFERENCE ON INTELLIGENT DATA ACQUISITION AND ADVANCED COMPUTING SYSTEMS: TECHNOLOGY AND APPLICATIONS (IDAACS), VOL 2, Pages: 1032-1036, 9th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems Technology and Applications (IDAACS), SEP 21-23, 2017, Bucharest, ROMANIA, ISBN: 978-1-5386-0697-1, Published: 2017;
- 144. lonel, I., Makra, L., Bisorca, D., Calinoiu, D.G., Balogh, R.M. From Theory to Practice Concerning Air Quality Monitoring, TIM15-16 PHYSICS CONFERENCE, Book Series: AIP Conference Proceedings, Volume: 1796, Article Number: UNSP 040002-1, TIM15-16 Physics Conference, MAY 26-28, 2016, Timisoara, ROMANIA, ISSN: 0094-243X, ISBN: 978-0-7354-1462-4, Published: 2017;
- 145. Isfanuti, A.S., Tutelea, L.N., Boldea, I., Staudt, T. Small-power 4 stator-pole stator-ferrite PMSM single-phase self-starting motor drive: FEMbased optimal design and controlled dynamics, 2017 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) & 2017 INTL AEGEAN CONFERENCE ON ELECTRICAL MACHINES AND POWER ELECTRONICS (ACEMP), Pages: 517-522, International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) / Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), MAY 25-27, 2017, Brasov, ROMANIA, ISBN: 978-1-5090-4489-4, Published: 2017;
- 146. Isvoran, A., Roman, M., Roman, D.L., Ciorsac, A., Ostafe, V. Exploring structural characteristics of chitin deacetylases and chitin oligosaccharide deacetylases, EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS, Meeting Abstract: P-185, Volume: 46, Pages: S163-S163, Supplement: 1, 19th IUPAB Congress / 11th EBSA Congress, JUL 16-20, 2017, Edinburgh, SCOTLAND, ISSN: 0175-7571, eISSN: 1432-1017, Published: 2017;
- 147. lures, L., Popa, R., Bob, C., Chendes, R. Practical Use of Steel Fibre Reinforced Concretes for Roads, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 169–172, 16th National Technical–Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23–24, 2017, Oradea, ROMANIA, ISBN: 978–88–87729–41–2, Published: 2017;
- 148. Ivascu, L., Tamasila, M., Taucean, I., Cioca, L.I., Izvercian, M. EDUCATION FOR SUSTAINABILITY: CURRENT STATUS, PROSPECTS, AND DIREC-TIONS, ICCSBS 2017 - THE ANNUAL INTERNATIONAL CONFERENCE ON COGNITIVE - SOCIAL, AND BEHAVIOURAL SCIENCES, Book Series: European Proceedings of Social and Behavioural Sciences, Volume: 20, Pages: 259-267, 5th Annual International Conference on Cognitive - Social, and Behavioural Sciences, JAN 09-11, 2017, Brno, CZECH REPUBLIC, ISSN: 2357-1330, Published: 2017;
- 149. Ivascu, L., Cioca, L.I., Tamasila, M., Taucean, I., Bigan, C. Risk Management and an Approach for Introducing Functional Safety in the Development of Automotive E/E Systems, SUSTAINABLE ECONOMIC GROWTH, EDUCATION EXCELLENCE, AND INNOVATION MANAGEMENT THROUGH VISION 2020, VOLS I-VII, Pages: 2595-2601, 29th International-Business-Information-Management-Association Conference, MAY 03-04, 2017, Vienna, AUSTRIA, ISBN: 978-0-9860419-7-6, Published: 2017;
- 150. Jivet, I. An EIT Belt Reference Design with Active Electrodes and Digital Output, INTERNATIONAL CONFERENCE ON ADVANCEMENTS OF MEDICINE AND HEALTH CARE THROUGH TECHNOLOGY, MEDITECH 2016, Book Series: IFMBE Proceedings, Volume: 59, Pages: 73-76, 5th International Conference on Advancements of Medicine and Health Care through Technology (MEDITECH), OCT 12-15, 2016, Cluj Napoca, ROMANIA, ISSN: 1680-0737, ISBN: 978-3-319-52875-5; 978-3-319-52874-8, Published: 2017;

- 151. Josan, A., Bretotean, C.P., Ratiu, S., Ardelean, E., Ardelean, M. Research on the influence of moulding-casting technology on the quality of castings, INNOVATIVE IDEAS IN SCIENCE 2016, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 200, Article Number: UNSP 012010, Conference on Innovative Ideas in Science, NOV 10–11, 2016, Baia Mare, ROMANIA, ISSN: 1757–8981, Published: 2017;
- 152. Josan, A., Bretotean, C.P. Using the anti-adherence paints to manufacturing of the moulds intended for iron castings, INTERNATIONAL CON-FERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012020, International Conference on Applied Sciences (ICAS), MAY 25–27, 2016, Hunedoara, ROMANIA, ISSN: 1757–8981, Published: 2017;
- 153. Kazamer, N., Pascal, D.T., Marginean, G., Serban, V.A., Brandl, W. Valean, P.C. ASPECTS CONCERNING THE WEAR AND CORROSION BEHAVIOR OF WC-COCR COATINGS AND RESPECTIVELY DLC/WC-COCR SYSTEMS, 8TH INTERNATIONAL CONFERENCE ON NANOMATERIALS – RESEARCH & APPLICATION (NANOCON 2016), Pages: 383-388, 8th International Conference on Nanomaterials – Research and Application (NANOCON), OCT 19–21, 2016, Brno, CZECH REPUBLIC, ISBN: 978-80-87294-71-0, Published: 2017;
- 154. Keller, A., Mosoarca, M. Modern Historic Timber Structure Consolidation Technologies A State of the Art Review, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 179–184, 16th National Technical–Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23–24, 2017, Oradea, ROMANIA, ISBN: 978–88–87729–41–2, Published: 2017;
- 155. Kiss, I., Cioata, V.G., Alexa, V., Ratiu, S.A. Multivariate research in areas of phosphorus cast-iron brake shoes manufacturing using the statistical analysis and the multiple regression equations, INNOVATIVE IDEAS IN SCIENCE 2016, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 200, Article Number: UNSP 012022, Conference on Innovative Ideas in Science, NOV 10-11, 2016, Baia Mare, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 156. Kiss, I., Alexa, V., Cioata, V.G. Statistical analysis using the multiple regression research in areas of the indefinite chilled cast-iron rolls manufacturing, INNOVATIVE IDEAS IN SCIENCE 2016, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 200, Article Number: UNSP 012021, Conference on Innovative Ideas in Science, NOV 10–11, 2016, Baia Mare, ROMANIA, ISSN: 1757–8981, Published: 2017;
- 157. Korodi, A., Silea, I. Achieving Interoperability Using Low-Cost Middleware OPC UA Wrapping Structure. Case Study in the Water Industry, 2017 IEEE 15TH INTERNATIONAL CONFERENCE ON INDUSTRIAL INFORMATICS (INDIN), Book Series: IEEE International Conference on Industrial Informatics INDIN, Pages: 1223–1228, 15th IEEE International Conference on Industrial Informatics (INDIN), JUL 24–26, 2017, Emden, GERMANY, ISSN: 1935–4576, ISBN: 978–1–5386–0837–1, Published: 2017;
- 158. Kuczapski, A.M., Andreescu, G.D. New Autocorrelation based Self-Learning Method to Detect Sound Spectral Components in Cochlear Nerve Firing Patterns in Case of Cochlear Implants, 2017 40TH INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESS-ING (TSP), Pages: 429-434, 40th International Conference on Telecommunications and Signal Processing (TSP), JUL 05-07, 2017, Barcelona, SPAIN, ISBN: 978-1-5090-3982-1, Published: 2017;
- 159. Lacrama, D.L., Alexa, F., Pintea, F.A., Zinca, P.G. Expert System for Infrared Heating Panel Optimization, 2017 25TH TELECOMMUNICATION FORUM (TELFOR), Pages: 777-780, 25th Telecommunication Forum (TELFOR), NOV 21-22, 2017, Belgrade, SERBIA, ISBN: 978-1-5386-3073-0, Published: 2017;
- 160. Lalu, O., Anghel, I., Serban, M., Mocioi, I.A., Branisteanu, B. Experimental researches on determining the fire action response of improved exterior cladding systems provided with incombustible barriers, SUSTAINABLE SOLUTIONS FOR ENERGY AND ENVIRONMENT, EENVIRO 2016, Book Series: Energy Procedia, Volume: 112, Pages: 287-295, Conference on Sustainable Solutions for Energy and Environment (EENVIRO), OCT 26-28, 2016, Bucharest, ROMANIA, ISSN: 1876-6102, Published: 2017;
- 161. Lazarescu, E., Alexa, F., Vatau, D., Frigura-Iliasa, F.M. The Assessment of the Antenna Circuit of a RF Wheel Unit, 2017 24TH IEEE INTERNA-TIONAL CONFERENCE ON ELECTRONICS, CIRCUITS AND SYSTEMS (ICECS), Book Series: IEEE International Conference on Electronics Circuits and Systems, Pages: 116-119, 24th IEEE International Conference on Electronics, Circuits and Systems (ICECS), DEC 05-08, 2017, Batumi, GEORGIA, ISBN: 978-1-5386-1911-7, Published: 2017;



- 162. Lazarescu, E., Frigura-Iliasa, F.M., Frigura-Iliasa, M., Andea, P., Vatau, D. A new Approach to Predictive Maintenance of High Voltage Switching Devices, PROCEEDINGS OF THE 2017 18TH INTERNATIONAL SCIENTIFIC CONFERENCE ON ELECTRIC POWER ENGINEERING (EPE), Book Series: International Scientific Conference on Electric Power Engineering, Pages: 337-340, 18th International Scientific Conference on Electric Power Engineering (EPE), MAY 17-19, 2017, Kouty nad Desnou, CZECH REPUBLIC, ISSN: 2376-5623, ISBN: 978-1-5090-6406-9, Published: 2017;
- 163. Lica, S., Gurbina, M., Lascu, D., Pop-Calimanu, I.M., Ciresan, A. A Novel Stacked Step-Down Switching Converter, 2017 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) & 2017 INTL AEGEAN CONFERENCE ON ELECTRI-CAL MACHINES AND POWER ELECTRONICS (ACEMP), Pages: 549-554, International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) / Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), MAY 25-27, 2017, Brasov, ROMANIA, ISBN: 978-1-5090-4489-4, Published: 2017;
- 164. Lica, S., Pop-Calimanu, I.M., Lascu, D., Ciresan, A., Gurbina, M. A New Stacked Step-Up Converter, 2017 40TH INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP), Pages: 315-319, 40th International Conference on Telecommunications and Signal Processing (TSP), JUL 05-07, 2017, Barcelona, SPAIN, ISBN: 978-1-5090-3982-1, Published: 2017;
- 165. Linul, E., Marsavina, L. Experimental Determination of Mixed-Mode Fracture Toughness for Rigid Polyurethane Foams, FRACTURE AT ALL SCALES, Book Series: Lecture Notes in Mechanical Engineering, Pages: 221–237, International Conference on Fatigue and Fracture at All Scales (NT2F), SEP 15–18, 2014, Belgrade, SERBIA, ISSN: 2195–4356, ISBN: 978–3–319–32634–4; 978–3–319–32633–7, Published: 2017;
- 166. Lovasz, E.C., Mesaros-Anghel, V., Gruescu, C.M., Moldovan, C.E., Ceccarelli, M. General Algorithm for Computing the Theoretical Centering Precision of the Gripping Devices, ADVANCES IN MECHANISM DESIGN II, Book Series: Mechanisms and Machine Science, Volume: 44, Pages: 15-21, 12th International Conference on the Theory of Machines and Mechanisms, SEP 06-08, 2016, Liberec, CZECH REPUBLIC, ISSN: 2211-0984, ISBN: 978-3-319-44087-3; 978-3-319-44086-6, Published: 2017;
- 167. Madescu, G., Biriescu, M., Tutelea, L.N., Mot, M., Boldea, I. Fast Computation of Bar Over-currents in the Faulty Cage of Induction Motors with Experimental Validation, 2017 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) & 2017 INTL AEGEAN CONFERENCE ON ELECTRICAL MACHINES AND POWER ELECTRONICS (ACEMP), Pages: 388-394, International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) / Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), MAY 25-27, 2017, Brasov, ROMANIA, ISBN: 978-1-5090-4489-4, Published: 2017;
- 168. Maduta, C., Brata, S., Pescari, S., Tanasa, C., Stoian, V. Renovation Solutions for Collective Residential Buildings Case Study, MODERN TECH-NOLOGIES FOR THE 3RD MILLENNIUM, Pages: 185–190, 16th National Technical–Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23–24, 2017, Oradea, ROMANIA, ISBN: 978–88–87729–41–2, Published: 2017;
- 169. Magaon, M., Ardelean, E., Serban, S., Putan, V. Mathematical Modeling of the Removal Efficiency of Hydrogen from Steels Treated in Vacuum Facilities, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS 2016 (ICNAAM-2016), Book Series: AIP Conference Proceedings, Volume: 1863, Article Number: UNSP 130006-1, International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), SEP 19-25, 2016, Rhodes, GREECE, ISSN: 0094-243X, ISBN: 978-0-7354-1538-6, Published: 2017;
- 170. Magaon, M., Serban, S., Heput, T. Research on the reduction of the hydrogen content in steels treated in vacuum, INTERNATIONAL CON-FERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012015, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 171. Magaon, M., Vatasescu, M., Heput, T., Crisan, E. The Optimization of the Removal Process of Nitrogen Content from Steels Treated in Vacuum Facilities, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS 2016 (ICNAAM-2016), Book Series: AIP Conference Proceedings, Volume: 1863, Article Number: UNSP 130007, International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), SEP 19-25, 2016, Rhodes, GREECE, ISSN: 0094-243X, ISBN: 978-0-7354-1538-6, Published: 2017;
- 172. Marcu, M., Darie, M., Cernazanu-Glavan, C. Component Level Energy Accounting and Fault Detection on Electrical Devices Using Power Signatures, 2017 IEEE INTERNATIONAL INSTRUMENTATION AND MEASUREMENT TECHNOLOGY CONFERENCE (I2MTC), Pages: 1264–1269, IEEE International Instrumentation and Measurement Technology Conference (I2MTC), MAY 22–27, 2017, Torino, ITALY, ISBN: 978–1–5090– 3596–0, Published: 2017;

- 173. Marginean, I., Both, I., Dogariu, A., Zaharia, R. Advanced Calculation Models in Thermo–Mechanical Analysis, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 191–196, 16th National Technical–Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23–24, 2017, Oradea, ROMANIA, ISBN: 978–88–87729–41–2, Published: 2017;
- 174. Margineanu, D., Sticlaru, C., Davidescu, A., Margineanu, E. Analytic and FEM Study of Load Distribution on the Length of Spline Joints Under Pure Torque, NEW ADVANCES IN MECHANISMS, MECHANICAL TRANSMISSIONS AND ROBOTICS, Book Series: Mechanisms and Machine Science, Volume: 46, Pages: 69–76, Joint International Conference of the 12th International Conference on Mechanisms and Mechanical Transmissions (MTM) / 23rd International Conference on Robotics (Robotics), OCT 26–27, 2016, Aachen, GERMANY, ISSN: 2211–0984, ISBN: 978–3–319–45450–4; 978–3–319–45449–8, Published: 2017;
- 175. Marinca, V., Herisanu, N. Approximate Analytic Solutions for Steady MHD Flow and Heat Transfer of a Third Grade Fluid in Wire Coating Process with Constant Viscosity, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS 2016 (ICNAAM-2016), Book Series: AIP Conference Proceedings, Volume: 1863, Article Number: UNSP 460003-1, International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), SEP 19-25, 2016, Rhodes, GREECE, ISSN: 0094-243X, ISBN: 978-0-7354-1538-6, Published: 2017;
- 176. Maris, S., Nenu, P.F., Maris, S.A., Slavici, T. ESTIMATING THE CALORIFIC VALUE OF PELLETS FROM DIFFERENT BLENDS OF BIOMASS, ACTUAL TASKS ON AGRICULTURAL ENGINEERING, Book Series: Actual Tasks on Agricultural Engineering-Zagreb, Volume: 45, Pages: 459–464, 45th International Symposium on Agricultural Engineering, FEB 21–24, 2017, Opatija, CROATIA, ISSN: 1848–4425, Published: 2017;
- 177. Maris, S.A., Tucu, D., Banabatsas, T., Nagy, V., Maris, S., Nenu, P.F. POSSIBILITIES OF USING THE ROBOTS IN GREENHOUSES, ACTUAL TASKS ON AGRICULTURAL ENGINEERING, Book Series: Actual Tasks on Agricultural Engineering-Zagreb, Volume: 45, Pages: 531–537, 45th International Symposium on Agricultural Engineering, FEB 21–24, 2017, Opatija, CROATIA, ISSN: 1848–4425, Published: 2017;
- 178. Mateas, M., Mateas, I. New Measurement Procedures to Improve the Supervision Risk Assessment, INTERNATIONAL CONFERENCE MUL-TIDISCIPLINARY PERSPECTIVES IN THE QUASI-COERCIVE TREATMENT OF OFFENDERS (SPECTO), 6TH EDITION, Pages: 47–52, International Conference on Multidisciplinary Perspectives in the Quasi-Coercive Treatment of Offenders, MAY 11–12, 2017, Freiburg, GERMANY, ISBN: 978-88-95922-99-7, Published: 2017;
- 179. Mesaros-Anghel, V., Lovasz, E.C., Gruescu, C.M., Moldovan, C.E. Optimal Design of a Grasping Device Through Simplified Pose Synthesis of a Four-Bar Linkage, NEW ADVANCES IN MECHANISMS, MECHANICAL TRANSMISSIONS AND ROBOTICS, Book Series: Mechanisms and Machine Science, Volume: 46, Pages: 3–13, Joint International Conference of the 12th International Conference on Mechanisms and Mechanical Transmissions (MTM) / 23rd International Conference on Robotics (Robotics), OCT 26–27, 2016, Aachen, GERMANY, ISSN: 2211–0984, ISBN: 978–3–319–45450–4; 978–3–319–45449–8, Published: 2017;
- 180. Miclau, M., Miclau, N., Banica, R., Ursu, D. Effect of polymorphism on photovoltaic performance of CuAlO2 delafossite nanomaterials for p-type dye-sensitized solar cells application, MATERIALS TODAY-PROCEEDINGS, Volume: 4, Issue: 7, Pages: 6975-6981, Part: 1, 13th International Conference on Nanosciences and Nanotechnologies (NN) / 9th International Symposium on Flexible Organic Electronics (ISFOE), JUL 04-07, 2016, Thessaloniki, GREECE, ISSN: 2214-7853, Published: 2017;
- 181. Miklos, I.Z., Miklos, C., Alic, C. Dynamic simulation of road vehicle door window regulator mechanism of cross arm type, INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012019, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 182. Mischie, S., Muntean, A. Distance estimation through stereoscopy using BeagleBoneBlack and RaspberryPi, 2017 INTERNATIONAL SYMPO-SIUM ON SIGNALS, CIRCUITS AND SYSTEMS (ISSCS), International Symposium on Signals, Circuits and Systems (ISSCS), JUL 13-14, 2017, Iasi, ROMANIA, ISBN: 978-1-5386-0674-2, Published: 2017;
- 183. Mituletu, I.C., Borza, A., Bizau, V.I. Design and Optimization of the Cooling Process to Rapid Control a SMA-Based Wave Generator, 2017 10TH INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE), Book Series: International Symposium on Advanced Topics in Electrical Engineering, Pages: 872-875, 10th International Symposium on Advanced Topics in Electrical Engineering (ATEE), MAR 23-25, 2017, Bucharest, ROMANIA, ISSN: 1843-8571, ISBN: 978-1-5090-5160-1, Published: 2017;



- 184. Mocofan, M. IMPROVEMENT OF COURSES INTERACTIVITY USING WEB AND MOBILE TECHNOLOGIES FOR INSTANT FEEDBACK, INTED2017: 11TH INTERNATIONAL TECHNOLOGY, EDUCATION AND DEVELOPMENT CONFERENCE, Book Series: INTED Proceedings, Pages: 6649-6654, 11th International Conference on Technology, Education and Development (INTED), MAR 06-08, 2017, Valencia, SPAIN, ISSN: 2340-1079, ISBN: 978-84-617-8491-2, Published: 2017;
- 185. Mocofan, M., Ciuclea, C. STUDENT TECHNOLOGIES PROPOSALS TO BE USED IN THE DEVELOPMENT OF OPEN COURSES, 10TH INTERNATIONAL CONFERENCE OF EDUCATION, RESEARCH AND INNOVATION (ICERI2017), Book Series: ICERI Proceedings, Pages: 2814–2818, 10th Annual International Conference of Education, Research and Innovation (ICERI), NOV 16–18, 2017, Seville, SPAIN, ISSN: 2340–1095, ISBN: 978–84–697–6957–7, Published: 2017;
- 186. Modler, N., Winkler, A., Filippatos, A., Lovasz, E.C., Margineanu, D.T. Dynamic Behavior of Active Lightweight Compliant Mechanisms with Integrated Piezoceramic Actuators by Under-and Overcritical Periodic Excitation, MICROACTUATORS AND MICROMECHANISMS, MAMM-2016, Book Series: Mechanisms and Machine Science, Volume: 45, Pages: 213-225, 4th Conference on Microactuators and Micromechanisms (MAMM), OCT 05-07, 2016, Ilmenau, GERMANY, ISSN: 2211-0984, ISBN: 978-3-319-45387-3; 978-3-319-45386-6, Published: 2017;
- 187. Moldovan, C.E., Perju, D., Lovasz, E.C., Modler, K.H., Maniu, I. On the Kinematic Analysis of a Sixth Class Mechanism, NEW ADVANCES IN MECHANISMS, MECHANICAL TRANSMISSIONS AND ROBOTICS, Book Series: Mechanisms and Machine Science, Volume: 46, Pages: 47-57, Joint International Conference of the 12th International Conference on Mechanisms and Mechanical Transmissions (MTM) / 23rd International Conference on Robotics (Robotics), OCT 26-27, 2016, Aachen, GERMANY, ISSN: 2211-0984, ISBN: 978-3-319-45450-4; 978-3-319-45449-8, Published: 2017;
- 188. Molnar, L., Gontean, L. ASIC Validation Architectures Hardware versus Simulation, 2017 21ST INTERNATIONAL CONFERENCE ON SYSTEM THEORY, CONTROL AND COMPUTING (ICSTCC), Book Series: International Conference on System Theory Control and Computing, Pages: 671-676, 21st International Conference on System Theory, Control and Computing (ICSTCC), OCT 19-21, 2017, Sinaia, ROMANIA, ISSN: 2372-1618, ISBN: 978-1-5386-3842-2, Published: 2017;
- 189. Molnar, L., Gontean, A., Kotlar, A., Svasta, P. Simulation Model for Automotive High Pressure Fuel Pump, 2017 IEEE 23RD INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME), Pages: 231-234, 23rd IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME), OCT 26-29, 2017, Constanta, ROMANIA, ISBN: 978-1-5386-1626-0, Published: 2017;
- 190. Moscovici, A.M., Brebu, F.M., Bala, A.C. Geospatial Data Acquisitions Using 3D Laser Scanning Technology in the Context of Monitoring Mines, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 33–38, 16th National Technical–Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23–24, 2017, Oradea, ROMANIA, ISBN: 978–88–87729–41–2, Published: 2017;
- 191. Moscovici, A.M., Grecea, C. Geomatics, Support for an Efficient Urban Planning, WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHI-TECTURE-URBAN PLANNING SYMPOSIUM — WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 052041, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12-16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;
- 192. Mosoarca, M., Apostol, I., Stoian, V. Modern Consolidation Solutions for Buildings with Historical Value. Part II: Masonry Structures, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 209–214, 16th National Technical–Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23–24, 2017, Oradea, ROMANIA, ISBN: 978-88-87729-41–2, Published: 2017;
- 193. Muntean, D.M., Ungureanu, V., Petran, I., Georgescu, M. Large Prefabricated Concrete Panels Collective Dwellings from the 1970s: Context and Improvements, WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM – WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 052050, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12-16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;
- 194. Murvay, P.S., Groza, B. DoS Attacks on Controller Area Networks by Fault Injections from the Software Layer, PROCEEDINGS OF THE 12TH IN-TERNATIONAL CONFERENCE ON AVAILABILITY, RELIABILITY AND SECURITY (ARES 2017), Article Number: UNSP A71, 12th International Conference on Availability, Reliability and Security (ARES), AUG 29–SEP 01, 2017, Calabria, ITALY, ISBN: 978–1–4503–5257–4, Published: 2017;

- Muscalagiu, C.G., Muscalagiu, I., Muscalagiu, D.M. The curving calculation of a mechanical device attached to a multi-storey car park, INTER-NATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012051, International Conference on Applied Sciences (ICAS), MAY 25–27, 2016, Hunedoara, ROMANIA, ISSN: 1757–8981, Published: 2017;
- 196. Nafornita, C., Isar, A., Matanie, N., Caba, C. Solution of a Big Data Problem. Simulator for Denoising of Single Look Complex SAR Images, 2017 INTERNATIONAL SYMPOSIUM ON SIGNALS, CIRCUITS AND SYSTEMS (ISSCS), International Symposium on Signals, Circuits and Systems (ISSCS), JUL 13–14, 2017, Iasi, ROMANIA, ISBN: 978–1–5386–0674–2, Published: 2017;
- 197. Nagy, V., Mnerie, G.V., Mnerie, D. Bodin, F. STUDY OF TECHNICAL AND HUMAN INFLUENCE FACTORS ON THE EFFICIENT USING OF HOG CAS-INGS PROCESSING EQUIPMENT, ACTUAL TASKS ON AGRICULTURAL ENGINEERING, Book Series: Actual Tasks on Agricultural Engineering-Zagreb, Volume: 45, Pages: 385–391, 45th International Symposium on Agricultural Engineering, FEB 21–24, 2017, Opatija, CROATIA, ISSN: 1848–4425, Published: 2017;
- 198. Negrisanu, D., Havasi, B., Florescu, D. Teaching Architecture to Children. (In) Between Metaphor and Pragmatism, EDU WORLD 7TH INTERNA-TIONAL CONFERENCE, Book Series: European Proceedings of Social and Behavioural Sciences, Volume: 23, Pages: 558–565, 7th International Edu World Conference (Edu World), NOV 04–05, 2016, Pitesti, ROMANIA, ISSN: 2357–1330, Published: 2017;
- 199. Nenu, P.F., Maris, S.A., Forgacs, L., Maris, S. USE OF BIOMASS IN COAL STEAM BOILERS, ACTUAL TASKS ON AGRICULTURAL ENGINEERING, Book Series: Actual Tasks on Agricultural Engineering-Zagreb, Volume: 45, Pages: 473-479, 45th International Symposium on Agricultural Engineering, FEB 21-24, 2017, Opatija, CROATIA, ISSN: 1848-4425, Published: 2017;
- 200. Nicola, S., Virag, I., Stoicu-Tivadar, L. VR Medical Gamification for Training and Education, HEALTH INFORMATICS MEETS EHEALTH: DIGITAL INSIGHT – INFORMATION-DRIVEN HEALTH & CARE, Book Series: Studies in Health Technology and Informatics, Volume: 236, Pages: 97–103, PubMed ID: 28508784, 11th Annaul Conference on Health Informatics Meets eHealth (eHealth), MAY 23–24, 2017, Schloss Schonbrunn, AUSTRIA, ISSN: 0926–9630, eISSN: 1879–8365, ISBN: 978–1–61499–759–7; 978–1–61499–758–0, Published: 2017;
- 201. Nicolae, I.V., Socoliuc, V. High Amplitude Oscillating Magnetic Field Applicator for Remote Magnetic Nanoparticle Detection, TIM17 PHYSICS CONFERENCE, Book Series: AIP Conference Proceedings, Volume: 1916, Article Number: UNSP 040012, 17th Physics Conference, MAY 25-27, 2017, Timisoara, ROMANIA, ISSN: 0094-243X, ISBN: 978-0-7354-1608-6, Published: 2017;
- 202. Nicoloiu, R., Ionel, I., Voda, I. Evolution of Green Certificate Support Scheme for Promoting Renewable Energy in Romania, 2017 8TH INTER-NATIONAL CONFERENCE ON ENERGY AND ENVIRONMENT (CIEM), Book Series: International Conference on Energy and Environment, Pages: 359-362, 8th International Conference on ENERGY and ENVIRONMENT (CIEM), OCT 19-20, 2017, Bucharest, ROMANIA, ISSN: 2067-0907, ISBN: 978-1-5386-3943-6, Published: 2017;
- 203. Nimara, S., Nandra, M., Bogdan, R. Low-Power Wireless Data Acquisition System, 2017 25TH TELECOMMUNICATION FORUM (TELFOR), Pages: 289-292, 25th Telecommunication Forum (TELFOR), NOV 21-22, 2017, Belgrade, SERBIA, ISBN: 978-1-5386-3073-0, Published: 2017;
- 204. Nimara, S., Popa, D.B., Bogdan, R. Automotive Instrument Cluster Screen Content Validation, 2017 25TH TELECOMMUNICATION FORUM (TELFOR), Pages: 629-632, 25th Telecommunication Forum (TELFOR), NOV 21-22, 2017, Belgrade, SERBIA, ISBN: 978-1-5386-3073-0, Published: 2017;
- 205. Nyiredi, A., Iacob, E.R., Iacob, D., Lihu, A., Moza, A., Ilie, C. When is the Neonate in Pain?, PROCEEDINGS OF THE 14TH NATIONAL CONGRESS OF UROGYNECOLOGY AND THE NATIONAL CONFERENCE OF THE ROMANIAN ASSOCIATION FOR THE STUDY OF PAIN, Pages: 511-514, National Conference of the Romanian-Association-for-the-Study-of-Pain, OCT 26-27, 2017, Bucharest, ROMANIA, ISBN: 978-88-95922-98-0, Published: 2017;
- 206. Olariu, F.A., Frigura-Iliasa, M., Frigura-Iliasa, F.M., Vatau, D., Andea, P. Experimental Study about the Concentration of Cr2O3 and MnO2 inside a New Metal Oxide Varistor Material, 2017 10TH INTERNATIONAL CONFERENCE ON ELECTRICAL AND ELECTRONICS ENGINEERING (ELECO), Pages: 402-405, 10th International Conference on Electrical and Electronics Engineering (ELECO), NOV 30-DEC 02, 2017, Bursa, TURKEY, ISBN: 978-1-5386-1723-6, Published: 2017;



- 207. Onchis, D., Istin, C., Real, P. Space-Variant Gabor Decomposition for Filtering 3D Medical Images, COMPUTER ANALYSIS OF IMAGES AND PATTERNS: 17TH INTERNATIONAL CONFERENCE, CAIP 2017, PT II, Book Series: Lecture Notes in Computer Science, Volume: 10425, Pages: 455-461, 17th International Conference on Computer Analysis of Images and Patterns (CAIP), AUG 22-24, 2017, Ystad, SWEDEN, ISSN: 0302-9743, eISSN: 1611-3349, ISBN: 978-3-319-64698-5; 978-3-319-64697-8, Published: 2017;
- 208. Oprea, O.B., Gaceu, L., Tucu, D. VALORISATION OF WINERY WASTE BY USING GSP (GRAPE SEED POWDER) AS FLOUR SUBSTITUTION IN BAK-ERY INDUSTRY, ACTUAL TASKS ON AGRICULTURAL ENGINEERING, Book Series: Actual Tasks on Agricultural Engineering-Zagreb, Volume: 45, Pages: 371-376, 45th International Symposium on Agricultural Engineering, FEB 21-24, 2017, Opatija, CROATIA, ISSN: 1848-4425, Published: 2017;
- 209. Opritoiu, F., Jurj, S.L., Vladutiu, M. Technological solutions for throughput improvement of a Secure Hash Algorithm-256 Engine, 2017 IEEE 23RD INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME), Pages: 159–164, 23rd IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME), OCT 26–29, 2017, Constanta, ROMANIA, ISBN: 978– 1-5386–1626–0, Published: 2017;
- 210. Orzen, S.N., Babii, S. Data Packet Header Actions in Fault Tolerance of Persistent Routing Sessions, 2017 IEEE 15TH INTERNATIONAL SYMPO-SIUM ON INTELLIGENT SYSTEMS AND INFORMATICS (SISY), Book Series: International Symposium on Intelligent Systems and Informatics, Pages: 193-196, 15th IEEE International Symposium on Intelligent Systems and Informatics (SISY), SEP 14-16, 2017, Subotica, SERBIA, ISSN: 1949-047X, ISBN: 978-1-5386-3855-2, Published: 2017;
- 211. Orzen, S.N., Babii, S. Network Events in the Dynamic Selection of Real-Time Session Fault Tolerant Routes, 2017 IEEE 21ST INTERNATIONAL CONFERENCE ON INTELLIGENT ENGINEERING SYSTEMS (INES), Book Series: IEEE International Conference on Intelligent Engineering Systems, Pages: 301-304, 21st IEEE International Conference on Intelligent Engineering Systems (INES), OCT 20-23, 2017, Larnaca, CYPRUS, ISSN: 1562-5850, ISBN: 978-1-4799-7677-5, Published: 2017;
- 212. Osaci, M., Cacciola, M. Specific loss power in superparamagnetic hyperthermia: nanofluid versus composite, INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series–Materials Science and Engineering, Volume: 163, Article Number: UNSP 012008, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757–8981, Published: 2017;
- 213. Pamintas, E., Banciu, F.V. The preparation for being a researcher in Romania today, 4TH INTERNATIONAL CONFERENCE ON COMPUTING AND SOLUTIONS IN MANUFACTURING ENGINEERING 2016 COSME'16, Book Series: MATEC Web of Conferences, Volume: 94, Article Number: UNSP 07008, 4th International Conference on Computing and Solutions in Manufacturing Engineering (CoSME), NOV 03-04, 2016, Brasov, ROMANIA, ISSN: 2261–236X, Published: 2017;
- 214. Pamintas, E. The tool profile and the localization of the revolution axis for irregular outline milling, 4TH INTERNATIONAL CONFERENCE ON COMPUTING AND SOLUTIONS IN MANUFACTURING ENGINEERING 2016 COSME'16, Book Series: MATEC Web of Conferences, Volume: 94, Article Number: UNSP 05005, 4th International Conference on Computing and Solutions in Manufacturing Engineering (CoSME), NOV 03-04, 2016, Brasov, ROMANIA, ISSN: 2261–236X, Published: 2017;
- 215. Pana, A., Molnar-Matei, F., Baloi, A., Radulian, A., Mocioi, N., Dumitrescu, G. A Smart Solution For a Smart Grid: Unbalanced Reactive Power Compensation, 2017 ELECTRIC VEHICLES INTERNATIONAL CONFERENCE (EV), Electric Vehicles International Conference (EV), OCT 05-06, 2017, Bucharest, ROMANIA, ISBN: 978-1-5386-2382-4, Published: 2017;
- 216. Panoiu, C., Rob, R., Rusu-Anghel, S. Real Time System for Measuring the Pantograph Vertically Movement, 2017 IEEE 15TH INTERNATIONAL CONFERENCE ON INDUSTRIAL INFORMATICS (INDIN), Book Series: IEEE International Conference on Industrial Informatics INDIN, Pages: 957-962, 15th IEEE International Conference on Industrial Informatics (INDIN), JUL 24-26, 2017, Emden, GERMANY, ISSN: 1935-4576, ISBN: 978-1-5386-0837-1, Published: 2017;
- 217. Partene, E., Petrus, C., Bindean, A., Fekete-Nagy, L., Stoian, V. Shear Capacity for Masonry Walls Strengthened with FRP Materials, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 221–224, 16th National Technical–Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23–24, 2017, Oradea, ROMANIA, ISBN: 978–88–87729–41–2, Published: 2017;

- 218. Pascal, D.T., Muntean, R., Kazamer, N., Marginean, G., Brandl, W., Serban, V.A. CHARACTERISTICS OF HIGH TEMPERATURE VACUUM BRAZED WC-Co-NiCrBSi FUNCTIONAL COMPOSITE COATINGS, 8TH INTERNATIONAL CONFERENCE ON NANOMATERIALS RESEARCH & APPLICATION (NANOCON 2016), Pages: 775-780, 8th International Conference on Nanomaterials Research and Application (NANOCON), OCT 19-21, 2016, Brno, CZECH REPUBLIC, ISBN: 978-80-87294-71-0, Published: 2017;
- 219. Pater, L., Izvercian, M., Ivascu, L. A Statistical Study on Consumer's Perception of Sustainable Products, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS 2016 (ICNAAM-2016), Book Series: AIP Conference Proceedings, Volume: 1863, Article Number: UNSP 430004–1, International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), SEP 19–25, 2016, Rhodes, GREECE, ISSN: 0094–243X, ISBN: 978–0-7354–1538–6, Published: 2017;
- 220. Patrascu, C., Rat, C.L., Hulea, D., Vitan, D., Muntean, N. Mixed PV-Wind Small Power Microgrid, 2017 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) & 2017 INTL AEGEAN CONFERENCE ON ELECTRICAL MACHINES AND POWER ELECTRONICS (ACEMP), Pages: 699-704, International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) / Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), MAY 25-27, 2017, Brasov, ROMANIA, ISBN: 978-1-5090-4489-4, Published: 2017;
- 221. Paulescu, E., Iman, V., Dughir, C., Stefu, N., Paulescu, M. A Simplified but Accurate UV Index Model, TIM17 PHYSICS CONFERENCE, Book Series: AIP Conference Proceedings, Volume: 1916, Article Number: UNSP 040010, 17th Physics Conference, MAY 25-27, 2017, Timisoara, ROMANIA, ISSN: 0094-243X, ISBN: 978-0-7354-1608-6, Published: 2017;
- 222. Paulescu, M., Vizman, D., Lascu, M., Negrila, R., Stef, M. Experimental Study of Proton Irradiation Effect on Silicon Solar Cells, TIM15-16 PHYS-ICS CONFERENCE, Book Series: AIP Conference Proceedings, Volume: 1796, Article Number: UNSP 040010-1, TIM15-16 Physics Conference, MAY 26-28, 2016, Timisoara, ROMANIA, ISSN: 0094-243X, ISBN: 978-0-7354-1462-4, Published: 2017;
- 223. Paun, A.C., Vatau, D., Frigura-Iliasa, F.M., Andea, P., Frigura-Iliasa, M., Balcu, F.I. New Manufacturing Process for the Metal Oxide Varistors used on Low Voltage Surge-Arresters, PROCEEDINGS OF THE 2017 18TH INTERNATIONAL SCIENTIFIC CONFERENCE ON ELECTRIC POWER ENGINEERING (EPE), Book Series: International Scientific Conference on Electric Power Engineering, Pages: 351-354, 18th International Scientific Conference on Electric Power Engineering (EPE), MAY 17-19, 2017, Kouty nad Desnou, CZECH REPUBLIC, ISSN: 2376-5623, ISBN: 978-1-5090-6406-9, Published: 2017;
- 224. Paunescu, V., Calin, M., Manea, R., Moscovici, A., Salagean, T. GIS in Active Monitoring of Green Spaces, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 73-78, 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23-24, 2017, Oradea, ROMANIA, ISBN: 978-88-87729-41-2, Published: 2017;
- 225. Petrenci, R., Frigura-Iliasa, M., Frigura-Iliasa, F.M., Mirica, M., Balcu, F. Experimental Study about the Sintering Temperature of a New Metal Oxide Varistor Material, 2017 10TH INTERNATIONAL CONFERENCE ON ELECTRICAL AND ELECTRONICS ENGINEERING (ELECO), Pages: 398– 401, 10th International Conference on Electrical and Electronics Engineering (ELECO), NOV 30-DEC 02, 2017, Bursa, TURKEY, ISBN: 978–1-5386–1723–6, Published: 2017;
- 226. Petrus, C., Partene, E., Mosoarca, M., Stoian, V. Effect of Consolidating Materials on the Out of Plane Behaviour of Masonry Infills. A Design Approach, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 225–232, 16th National Technical–Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23–24, 2017, Oradea, ROMANIA, ISBN: 978–88–87729–41–2, Published: 2017;
- 227. Pisleaga, M., Badaluta-Minda, C., Eles, G., Popescu, D. Hydrographic Basins Analysis Using Digital Terrain Modelling, WORLD MULTIDISCI-PLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM — WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 062034, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12-16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;
- 228. Pop, C., Lovasz, E.C., Pop, F., Davidescu, A., Grigorescu, S.M. Matlab GUI for SVAJ Cam Analysis Diagrams, NEW ADVANCES IN MECHANISMS, MECHANICAL TRANSMISSIONS AND ROBOTICS, Book Series: Mechanisms and Machine Science, Volume: 46, Pages: 37-45, Joint International Conference of the 12th International Conference on Mechanisms and Mechanical Transmissions (MTM) / 23rd International Conference on Robotics (Robotics), OCT 26-27, 2016, Aachen, GERMANY, ISSN: 2211-0984, ISBN: 978-3-319-45450-4; 978-3-319-45449-8, Published: 2017;



- 229. Pop, F., Lovasz, E.C., Pop, C., Dolga, V., Grigorescu, S.M. Trajectory Analysis for Modified Jansen Leg Mechanism Configuration, NEW AD-VANCES IN MECHANISMS, MECHANICAL TRANSMISSIONS AND ROBOTICS, Book Series: Mechanisms and Machine Science, Volume: 46, Pages: 409-416, Joint International Conference of the 12th International Conference on Mechanisms and Mechanical Transmissions (MTM) / 23rd International Conference on Robotics (Robotics), OCT 26-27, 2016, Aachen, GERMANY, ISSN: 2211-0984, ISBN: 978-3-319-45450-4; 978-3-319-45449-8, Published: 2017;
- 230. Pop, N., Cira, O., Duma, V.F. Analytic functions of optical choppers for Gaussian laser beams, DIGITAL OPTICAL TECHNOLOGIES 2017, Book Series: Proceedings of SPIE, Volume: 10335, Article Number: UNSP 103351P, Conference on Digital Optical Technologies, JUN 26-28, 2017, Munich, GERMANY, ISSN: 0277-786X, eISSN: 1996-756X, ISBN: 978-1-5106-1116-0; 978-1-5106-1115-3, Published: 2017;
- 231. Pop, N., Iacob, F., Mezei, J.Z., Motapon, O., Niyonzima, S., Kashinski, D.O., Talbi, D., Hickman, A.P., Schneider, I.F. Reactive Collisions of Electrons with H-2(+), HD+, BeH+, BeD+ and SH+, TIM17 PHYSICS CONFERENCE, Book Series: AIP Conference Proceedings, Volume: 1916, Article Number: UNSP 020013, 17th Physics Conference, MAY 25-27, 2017, Timisoara, ROMANIA, ISSN: 0094-243X, ISBN: 978-0-7354-1608-6, Published: 2017;
- 232. Pop, N., Mezei, Z., Motapon, O., Niyonzima, S., Chakrabarti, K., Colboc, F., Boata, R., Epee, M.D.E., Schneider, I.F. Reactive Collisions of Electrons with Molecular Cations: Application to H–2(+), BeH+, BF+, TIM15–16 PHYSICS CONFERENCE, Book Series: AIP Conference Proceedings, Volume: 1796, Article Number: UNSP 020014, TIM15–16 Physics Conference, MAY 26–28, 2016, Timisoara, ROMANIA, ISSN: 0094–243X, ISBN: 978–0–7354–1462–4, Published: 2017;
- 233. Popa, C.A. Complex-Valued Convolutional Neural Networks for Real-Valued Image Classification, 2017 INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKS (IJCNN), Book Series: IEEE International Joint Conference on Neural Networks (IJCNN), Pages: 816-822, International Joint Conference on Neural Networks (IJCNN), MAY 14–19, 2017, Anchorage, AK, ISSN: 2161-4393, ISBN: 978–1–5090–6182–2, Published: 2017;
- 234. Popa, C.A. Global Asymptotic Stability for Matrix-Valued Recurrent Neural Networks with Time Delays, 2017 INTERNATIONAL JOINT CON-FERENCE ON NEURAL NETWORKS (IJCNN), Book Series: IEEE International Joint Conference on Neural Networks (IJCNN), Pages: 4474-4481, International Joint Conference on Neural Networks (IJCNN), MAY 14-19, 2017, Anchorage, AK, ISSN: 2161-4393, ISBN: 978-1-5090-6182-2, Published: 2017;
- 235. Popa, C.A. Octonion-Valued Bidirectional Associative Memories, 2017 INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKS (IJCNN), Book Series: IEEE International Joint Conference on Neural Networks (IJCNN), Pages: 783-787, International Joint Conference on Neural Networks (IJCNN), MAY 14–19, 2017, Anchorage, AK, ISSN: 2161–4393, ISBN: 978–1–5090–6182–2, Published: 2017;
- 236. Popa, G.N., Dinis, C.M., lagar, A., Popa, I. An experimental comparative analyse between three low capacity PLCs, INTERNATIONAL CON-FERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012034, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 237. Popa, G.N., Iagar, A., Dinis, C.M. Some Power Quality Issues in Power Substation from Residential and Educational Buildings, 2017 10TH IN-TERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING (ATEE), Book Series: International Symposium on Advanced Topics in Electrical Engineering, Pages: 545-550, 10th International Symposium on Advanced Topics in Electrical Engineering (ATEE), MAR 23-25, 2017, Bucharest, ROMANIA, ISSN: 1843-8571, ISBN: 978-1-5090-5160-1, Published: 2017;
- 238. Pop-Calimanu, I.M., Lascu, D., Lica, S., Gurbina, M., Renken, F. A New Hybrid Boost-L Converter, 2017 INTERNATIONAL SYMPOSIUM ON POWER ELECTRONICS (EE), 19th International Symposium on Power Electronics (Ee), OCT 19–21, 2017, NOVI SAD, SERBIA, ISBN: 978-1-5386-3502-5, Published: 2017;
- 239. Popovici-Donici, M.C. SYSTEMATIC TYPOLOGIES OF NEOLITHIC CONSTRUCTIONS IN THE ROMANIAN BANAT, BASED ON A NEW METHOD OF ARCHITECTURAL RECASTING, 4TH INTERNATIONAL CONFERENCE ON EDUCATION AND SOCIAL SCIENCES (INTCESS 2017), Pages: 767-774, 4th International Conference on Education and Social Sciences (INTCESS), FEB 06-08, 2017, Istanbul, TURKEY, ISBN: 978-605-64453-9-2, Published: 2017;

- 240. Porojan, L., Porojan, S., Rusu, L., Bolos, A., Savencu, C. Experimental Analyses for The Mechanical Behavior of Pressed All-Ceramic Molar Crowns with Anatomical Design, 2017 INTERNATIONAL CONFERENCE ON MECHANICAL, AERONAUTICAL AND AUTOMOTIVE ENGINEERING (ICMAA 2017), Book Series: MATEC Web of Conferences, Volume: 108, Article Number: UNSP 02001, International Conference on Mechanical, Aeronautical and Automotive Engineering (ICMAA), FEB 25-27, 2017, Malacca, MALAYSIA, ISSN: 2261-236X, Published: 2017;
- 241. Potra, S. What Defines a Prosumer? An Insight in Participative Consumer Behaviour, PROCEEDINGS OF THE 5TH INTERNATIONAL CONFERENCE ON MANAGEMENT, LEADERSHIP AND GOVERNANCE (ICMLG 2017), Book Series: Proceedings of the International Conference on Management Leadership and Governance, Pages: 380-385, 5th International Conference on Management, Leadership and Governance (ICMLG), MAR 16-17, 2017, Johannesburg, SOUTH AFRICA, ISSN: 2049-6818, ISBN: 978-1-911218-27-2, Published: 2017;
- 242. Potra, S., Izvercian, M. Value Co-Creators in Today's Open Innovation. How Are They Like?, PROCEEDINGS OF THE 9TH EUROPEAN CONFER-ENCE ON INTELLECTUAL CAPITAL (ECIC 2017), Book Series: Proceedings of the European Conference on Intellectual Capital, Pages: 254–260, 9th European Conference on Intellectual Capital (ECIC), APR 06–07, 2017, Lisbon, PORTUGAL, ISSN: 2049–0933, ISBN: 978–1–911218–31–9, Published: 2017;
- 243. Precup, R.E., Bojan-Dragos, C.A., Hedrea, E.L., Borlea, I.D., Petriu, E.M. Evolving Fuzzy Models for Anti-lock Braking Systems, 2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE AND VIRTUAL ENVIRONMENTS FOR MEASUREMENT SYSTEMS AND AP-PLICATIONS (CIVEMSA), Book Series: IEEE International Conference on Computational Intelligence and Virtual Environments for Measurement Systems and Applications, Pages: 48-53, IEEE International Conference on Computational Intelligence and Virtual Environments for Measurement Systems and Applications (CIVEMSA), JUN 26-28, 2017, Annecy, FRANCE, ISSN: 2377-9314, ISBN: 978-1-5090-4253-1, Published: 2017;
- 244. Precup, R.E., Bojan-Dragos, C.A., Hedrea, E.L., Rarinca, M.D., Petriu, E.M. Evolving Fuzzy Models for the Position Control of Magnetic Levitation Systems, PROCEEDINGS OF THE 2017 EVOLVING AND ADAPTIVE INTELLIGENT SYSTEMS (EAIS), Conference on Evolving and Adaptive Intelligent Systems (EAIS), MAY 31-JUN 02, 2017, Ljubljana, SLOVENIA, ISBN: 978-1-5090-6444-1, Published: 2017;
- 245. Prostean, G., Hutanu, A., Volker, S. Impact of agile methodologies on team capacity in automotive radio-navigation projects, INTERNA-TIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012013, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 246. Prostean, G., Volker, S., Hutanu, A. Change management methodologies trained for automotive infotainment projects, INTERNATIONAL CON-FERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012012, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 247. Radac, M.B., Precup, R.E., Roman, R.C. Anti-lock Braking Systems Data-Driven Control Using Q-Learning, 2017 IEEE 26TH INTERNATIONAL SYMPOSIUM ON INDUSTRIAL ELECTRONICS (ISIE), Book Series: Proceedings of the IEEE International Symposium on Industrial Electronics, Pages: 418-423, 26th IEEE International Symposium on Industrial Electronics (ISIE), JUN 18-21, 2017, Edinburgh, SCOTLAND, ISSN: 2163-5137, ISBN: 978-1-5090-1412-5, Published: 2017;
- 248. Radac, M.B., Precup, R.E., Roman, R.C. Multi Input-Multi Output Tank System Data-Driven Model Reference Control, 2017 13TH IEEE INTER-NATIONAL CONFERENCE ON CONTROL & AUTOMATION (ICCA), Book Series: IEEE International Conference on Control and Automation ICCA, Pages: 1078-1083, 13th IEEE International Conference on Control & Automation (ICCA), JUL 03-06, 2017, Ohrid, MACEDONIA, ISSN: 1948-3449, ISBN: 978-1-5386-2679-5, Published: 2017;
- 249. Radu, D., Sedmak, A., Bancila, R. Structural integrity of a wind loaded cylindrical steel shell structure, 2ND INTERNATIONAL CONFERENCE ON STRUCTURAL INTEGRITY, ICSI 2017, Book Series: Procedia Structural Integrity, Volume: 5, Pages: 1213-1220, 2nd International Conference on Structural Integrity (ICSI), SEP 04-07, 2017, Funchal, PORTUGAL, ISSN: 2452-3216, Published: 2017;
- 250. Rallabandi, V., Taran, N., Ionel, D.M., Boldea, I.G. Axial-flux PM Synchronous Machines with Air-gap Profiling and Very High Ratio of Spoke Rotor Poles to Stator Concentrated Coils, 2017 IEEE INTERNATIONAL ELECTRIC MACHINES AND DRIVES CONFERENCE (IEMDC), IEEE International Electric Machines and Drives Conference (IEMDC), MAY 21–24, 2017, Miami, FL, ISBN: 978–1–5090–4281–4, Published: 2017;



- 251. Rallabandi, V., Taran, N., Ionel, D.M., Boldea, I.G. MAGNUS An Ultra-high Specific Torque PM Axial Flux Type Motor with Flux Focusing and Modulation, 2017 IEEE ENERGY CONVERSION CONGRESS AND EXPOSITION (ECCE), Book Series: IEEE Energy Conversion Congress and Exposition, Pages: 1234–1239, 2017 9th Annual IEEE Energy Conversion Congress & Exposition (ECCE), OCT 01–05, 2017, Cincinnati, OH, ISSN: 2329–3721, ISBN: 978–1-5090–2998–3, Published: 2017;
- 252. Ramescu, C., Frigura-Iliasa, F.M., Musuroi, S., Frigura-Iliasa, M. REFURBISHMENT PROJECT FOR COMMAND AND CONTROL OF A GRAIN TANK, ACTUAL TASKS ON AGRICULTURAL ENGINEERING, Book Series: Actual Tasks on Agricultural Engineering-Zagreb, Volume: 45, Pages: 539-545, 45th International Symposium on Agricultural Engineering, FEB 21-24, 2017, Opatija, CROATIA, ISSN: 1848-4425, Published: 2017;
- 253. Ratiu, S., Alexa, V., Kiss, I., Cioata, V. Experimental determination of the filling coefficient for an aspirated spark-ignition engine, INTERNA-TIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012038, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 254. Renken, F., Shen, W.S., Wang, C., Pop-Calimanu, I.M., Ciresan, A. Multiphase Hybrid Buck-Boost Converter with Wide Conversion Ratio, 2017 19TH EUROPEAN CONFERENCE ON POWER ELECTRONICS AND APPLICATIONS (EPE'17 ECCE EUROPE), Book Series: European Conference on Power Electronics and Applications, 19th European Conference on Power Electronics and Applications (EPE ECCE Europe), SEP 11–14, 2017, Warsaw, POLAND, ISSN: 2325–0313, ISBN: 978–9–0758–1527–6, Published: 2017;
- 255. Riemschneider, E., Bordeasu, I., Mitelea, I., Utu, I.D. CAVITATION EROSION OF GREY CAST IRON WITH PEARLITE MICROSTRUCTURE, METAL 2017: 26TH INTERNATIONAL CONFERENCE ON METALLURGY AND MATERIALS, Pages: 985–990, 26th International Conference on Metallurgy and Materials (METAL), MAY 24–26, 2017, Brno, CZECH REPUBLIC, ISBN: 978–80–87294–79–6, Published: 2017;
- 256. Rimescu, C., Frigura-Iliasa, F.M., Dolga, L., Filipescu, H., Nen, M. A New Solution for a Domestic Low Voltage Surge-Arrester, 2017 10TH INTERNATIONAL CONFERENCE ON ELECTRICAL AND ELECTRONICS ENGINEERING (ELECO), Pages: 394-397, 10th International Conference on Electrical and Electronics Engineering (ELECO), NOV 30-DEC 02, 2017, Bursa, TURKEY, ISBN: 978-1-5386-1723-6, Published: 2017;
- 257. Rob, R., Rusu-Anghel, S., Panoiu, C. Real Time System for Acquiring and Logging the Plan Position Using NI MyRIO Controller, 2017 2ND INTERNATIONAL MULTIDISCIPLINARY CONFERENCE ON COMPUTER AND ENERGY SCIENCE (SPLITECH), Pages: 58–63, 2nd International Multidisciplinary Conference on Computer and Energy Science (SpliTech), JUL 12–14, 2017, Split, CROATIA, ISBN: 978–9–5329–0071–2, Published: 2017;
- 258. Rob, R., Tirian, G.O., Panoiu, C. Temperature controlling system using embedded equipment, INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012046, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 259. Rob, R., Tirian, G.O., Panoiu, M. LabVIEW application for motion tracking using USB camera, INNOVATIVE IDEAS IN SCIENCE 2016, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 200, Article Number: UNSP 012008, Conference on Innovative Ideas in Science, NOV 10–11, 2016, Baia Mare, ROMANIA, ISSN: 1757–8981, Published: 2017;
- 260. Robu, A., Crisan-Vida, M., Robu, N., Neagu, A. Management of Data Structures Generated During Simulations of the Evolution of Multicellular Systems, BIOINFORMATICS AND BIOMEDICAL ENGINEERING, IWBBIO 2017, PT II, Book Series: Lecture Notes in Bioinformatics, Volume: 10209, Pages: 325-336, 5th International Work-Conference on Bioinformatics and Biomedical Engineering (IWBBIO), APR 26-28, 2017, Granada, SPAIN, ISSN: 0302-9743, eISSN: 1611-3349, ISBN: 978-3-319-56154-7; 978-3-319-56153-0, Published: 2017;
- 261. Roman, D.L., Roman, M., Ciorsac, A., Ostafe, V., Isvoran, A. Prediction of the biochemical mechanisms of action and side effects of the anabolic steroids, EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS, Meeting Abstract: P-441, Volume: 46, Pages: S229-S229, Supplement: 1, 19th IUPAB Congress / 11th EBSA Congress, JUL 16-20, 2017, Edinburgh, SCOTLAND, ISSN: 0175-7571, eISSN: 1432-1017, Published: 2017;
- 262. Roman, R.C., Precup, R.E., Radac, M.B. Model-Free Fuzzy Control of Twin Rotor Aerodynamic Systems, 2017 25TH MEDITERRANEAN CON-FERENCE ON CONTROL AND AUTOMATION (MED), Book Series: Mediterranean Conference on Control and Automation, Pages: 559–564, 25th Mediterranean Conference on Control and Automation (MED), JUL 03–06, 2017, Valletta, MALTA, ISSN: 2325–369X, ISBN: 978–1–5090– 4533–4, Published: 2017;

- 263. Roman, R.C., Precup, R.E., Radac, M.B., Petriu, E.M. Takagi-Sugeno Fuzzy Controller Structures for Twin Rotor Aerodynamic Systems, 2017 IEEE INTERNATIONAL CONFERENCE ON FUZZY SYSTEMS (FUZZ-IEEE), Book Series: IEEE International Conference on Fuzzy Systems, IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), JUL 09–12, 2017, Naples, ITALY, ISSN: 1098–7584, ISBN: 978–1–5090–6034–4, Published: 2017;
- 264. Rus, S., Mocan, M., Ivascu, L., Trandafir, N. THE BEHAVIOR OF CUSTOMERS REGARDING E-BANKING AND ITS IMPACT ON THE BANKING SECTOR, ICCSBS 2017 - THE ANNUAL INTERNATIONAL CONFERENCE ON COGNITIVE - SOCIAL, AND BEHAVIOURAL SCIENCES, Book Series: European Proceedings of Social and Behavioural Sciences, Volume: 20, Pages: 232-239, 5th Annual International Conference on Cognitive - Social, and Behavioural Sciences, JAN 09-11, 2017, Brno, CZECH REPUBLIC, ISSN: 2357-1330, Published: 2017;
- 265. Rus, S., Mocan, M., Ivascu, L., Turi, A., Artene, A., Vartolomei, M. Evaluation of Corporate Social Responsibility Activities in the Banking Industry, SUSTAINABLE ECONOMIC GROWTH, EDUCATION EXCELLENCE, AND INNOVATION MANAGEMENT THROUGH VISION 2020, VOLS I-VII, Pages: 2500-2511, 29th International-Business-Information-Management-Association Conference, MAY 03-04, 2017, Vienna, AUSTRIA, ISBN: 978-0-9860419-7-6, Published: 2017;
- 266. Rusu-Anghel, S., Ene, A. Influence of typical faults over the dynamic behavior of pantograph-catenary contact force in electric rail transport, INNOVATIVE IDEAS IN SCIENCE 2016, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 200, Article Number: UNSP 012056, Conference on Innovative Ideas in Science, NOV 10-11, 2016, Baia Mare, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 267. Rusu-Anghel, S. Experimental research on mathematical modelling and unconventional control of clinker kiln in cement plants, INTERNA-TIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012037, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 268. Sabareanu, E. Assessment and Rehabilitation Issues Concerning Existing 70's Structural Stock, INTERNATIONAL CONFERENCE ON INNOVATIVE RESEARCH – ICIR EUROINVENT 2017, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 209, Article Number: 012100, International Conference on Innovative Research (ICIR Euroinvent), MAY 25-26, 2017, Iasi, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 269. Sandru, L.A., Crainic, M.F., Savu, D., Moldovan, C., Dolga, V., Preitl, S. Robotic System Construction with Mechatronic Components Inverted Pendulum – Humanoid Robot, NINTH INTERNATIONAL CONFERENCE ON MACHINE VISION (ICMV 2016), Book Series: Proceedings of SPIE, Volume: 10341, Article Number: UNSP 103411J, 9th International Conference on Machine Vision (ICMV), NOV 18-20, 2016, Nice, FRANCE, ISSN: 0277-786X, elSSN: 1996-756X, ISBN: 978-1-5106-1132-0, Published: 2017;
- 270. Sarbu, I., Mirza, M., Crasmareanu, E. Performance of Radiant Heating Systems of Low-Energy Buildings, WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM — WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 032088, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12-16, 2017, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;
- 271. Senila, M., Handabut, A., Crisan, A., Petran, I. Experimental Studies Regarding the Influence of the Connection between Steel and Concrete in Case of Eccentrically Braced Frames, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 245–250, 16th National Technical–Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23–24, 2017, Oradea, ROMANIA, ISBN: 978–88–87729–41–2, Published: 2017;
- 272. Sicoe, O., Popa, M. Comparison metrics for the output of a mixed fixed point and floating point graphics pipeline, 2017 25TH TELECOM-MUNICATION FORUM (TELFOR), Pages: 625-628, 25th Telecommunication Forum (TELFOR), NOV 21-22, 2017, Belgrade, SERBIA, ISBN: 978-1-5386-3073-0, Published: 2017;
- 273. Silaghi, A.M., Balan, C., Tolan, E., De Sabata, A. The Influence of measurement setups in Radiated Emissions testing, 2017 14TH INTERNA-TIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 220–223, 14th International Conference on Engineering of Modern Electric Systems (EMES), JUN 01–02, 2017, ORADEA, ROMANIA, ISBN: 978–1–5090–6073–3, Published: 2017;
- 274. Simionescu, D., Mitelea, I., Burca, M. OPPORTUNITIES OF NARROW GAP MAG WELDING OF API 5L X65M STEEL PIPELINE, METAL 2017: 26TH INTERNATIONAL CONFERENCE ON METALLURGY AND MATERIALS, Pages: 699-704, 26th International Conference on Metallurgy and Materials (METAL), MAY 24-26, 2017, Brno, CZECH REPUBLIC, ISBN: 978-80-87294-79-6, Published: 2017;



- 275. Simon, N., Mitelea, I., Burca, M., Utu, I.D. PARTICULARITIES OF CMT/CMTP BRAZE WELDING PROCESS BETWEEN GALVANIZED STEEL AND ALUMINIUM ALLOY, METAL 2017: 26TH INTERNATIONAL CONFERENCE ON METALLURGY AND MATERIALS, Pages: 672-677, 26th International Conference on Metallurgy and Materials (METAL), MAY 24-26, 2017, Brno, CZECH REPUBLIC, ISBN: 978-80-87294-79-6, Published: 2017;
- 276. Simon, S., Stoian, C.E. DEVELOPING INTERPRETING SKILLS IN UNDERGRADUATE STUDENTS, 10TH INTERNATIONAL CONFERENCE OF EDUCA-TION, RESEARCH AND INNOVATION (ICERI2017), Book Series: ICERI Proceedings, Pages: 6180–6184, 10th Annual International Conference of Education, Research and Innovation (ICERI), NOV 16–18, 2017, Seville, SPAIN, ISSN: 2340–1095, ISBN: 978–84–697–6957–7, Published: 2017;
- 277. Smuleac, A., Nemes, I., Cretan, I.A., Nemes, N.S., Smuleac, L. Comparative Study of the Volumetric Methods Calculation Using GNSS Measurements, WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 052020, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12-16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;
- Socalici, A., Pascu, L., Ardelean, E., Putan, V. Experiments on composites meant for making brake pads for the rolling stock, INTERNA-TIONAL CONFERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012003, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 279. Stanciu, R., Sorandaru, C. Low-cost Visually Servoed Tracked Vehicle, 17TH IEEE INTERNATIONAL CONFERENCE ON SMART TECHNOLOGIES IEEE EUROCON 2017 CONFERENCE PROCEEDINGS, Pages: 680-685, IEEE EUROCON –17th International Conference on Smart Technologies, JUL 06-08, 2017, Ohrid, MACEDONIA, ISBN: 978–1–5090–3843–5, Published: 2017;
- 280. Stangaciu, V., Oparlescu, V., Csereoka, P., Cioarga, R.D., Micea, M.V. Scalable Interconnected Home Automation System, 2017 21ST INTER-NATIONAL CONFERENCE ON SYSTEM THEORY, CONTROL AND COMPUTING (ICSTCC), Book Series: International Conference on System Theory Control and Computing, Pages: 169–174, 21st International Conference on System Theory, Control and Computing (ICSTCC), OCT 19–21, 2017, Sinaia, ROMANIA, ISSN: 2372–1618, ISBN: 978–1–5386–3842–2, Published: 2017;
- 281. Stangaciu, V., Stanciu, M., Lupu, L., Micea, M.V., Cretu, V. Application layer protocol for IoT using Wireless Sensor Networks communication protocols, 2017 9TH INTERNATIONAL CONGRESS ON ULTRA MODERN TELECOMMUNICATIONS AND CONTROL SYSTEMS AND WORKSHOPS (ICUMT), Book Series: International Conference on Ultra Modern Telecommunications and Control Systems & Workshops, Pages: 425-430, 9th International Congress on Ultra Modern Telecommunications and Control Systems (ICUMT), NOV 06-08, 2017, Munich, GERMANY, ISSN: 2157-0221, ISBN: 978-1-5386-3435-6, Published: 2017;
- 282. Stefanica, A., Mihancea, P.F. XCore: Support for Developing Program Analysis Tools, 2017 IEEE 24TH INTERNATIONAL CONFERENCE ON SOFT-WARE ANALYSIS, EVOLUTION, AND REENGINEERING (SANER), Pages: 462–466, 24th IEEE International Conference on Software Analysis, Evolution and Reengineering (SANER), FEB 20–24, 2017, Klagenfurt, AUSTRIA, ISBN: 978–1–5090–5501–2, Published: 2017;
- 283. Stirb, I. An Implementation of Loop Fusion for Improving Performance and Energy Consumption of Shared-Memory Parallel Codes, 2017 13TH IEEE INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING (ICCP), Book Series: IEEE International Conference on Intelligent Computer Communication and Processing ICCP, Pages: 519-525, 13th IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), SEP 07-09, 2017, Cluj Napoca, ROMANIA, ISSN: 2065-9946, ISBN: 978-1-5386-3368-7, Published: 2017;
- Stoian, A.M., Maniu, I., Lovasz, E.C., Gruescu, C.M. Design Solutions to Simplify the Calibration of a Robotic Flexible Manufacturing System, NEW ADVANCES IN MECHANISMS, MECHANICAL TRANSMISSIONS AND ROBOTICS, Book Series: Mechanisms and Machine Science, Volume: 46, Pages: 229–238, Joint International Conference of the 12th International Conference on Mechanisms and Mechanical Transmissions (MTM) / 23rd International Conference on Robotics (Robotics), OCT 26-27, 2016, Aachen, GERMANY, ISSN: 2211–0984, ISBN: 978–3–319– 45450–4; 978–3–319–45449–8, Published: 2017;
- 285. Stoian, C.E., Simon, S. THE INTEGRATION OF CULTURAL ASPECTS IN SYLLABUS DESIGN, 10TH INTERNATIONAL CONFERENCE OF EDUCATION, RESEARCH AND INNOVATION (ICERI2017), Book Series: ICERI Proceedings, Pages: 6346-6352, 10th Annual International Conference of Education, Research and Innovation (ICERI), NOV 16-18, 2017, Seville, SPAIN, ISSN: 2340-1095, ISBN: 978-84-697-6957-7, Published: 2017;

- 286. Strambeanu, N., Paunescu, D., Arghiriade, D., Demetrovici, L. PARALLEL AND CONSECUTIVE REACTIONS IN FUEL GAS COMBUSTION, 20TH INTERNATIONAL SYMPOSIUM - THE ENVIRONMENT AND THE INDUSTRY (SIMI 2017), Pages: 93-98, 20th International Symposium on The Environment and the Industry (SIMI), SEP 28-29, 2017, Bucharest, ROMANIA, ????, Published: 2017;
- 287. Svoboda, M., Biba, D., Musuroi, S., Ancuti, C.M., Sorandaru, C. Modeling of Squirrel Cage Induction Machine with S function in MATLAB Simulink, 2017 14TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES), Pages: 176–179, 14th International Conference on Engineering of Modern Electric Systems (EMES), JUN 01-02, 2017, ORADEA, ROMANIA, ISBN: 978–1–5090–6073–3, Published: 2017;
- 288. Szabo, A., Binzar, T., Nadaban, S., Pater, F. Strict Inclusions between Some Classes of Fuzzy Relations, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS 2016 (ICNAAM-2016), Book Series: AIP Conference Proceedings, Volume: 1863, Article Number: UNSP 430007–1, International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), SEP 19–25, 2016, Rhodes, GREECE, ISSN: 0094–243X, ISBN: 978–0–7354–1538–6, Published: 2017;
- 289. Szabo, R., Gontean, A. Optical Distance Measurement Analysis for Sun Tracker Robotic Arms at Different Luminous Fluexes unsing Six Sigma Methods, 2017 40TH INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP), Pages: 216-219, 40th International Conference on Telecommunications and Signal Processing (TSP), JUL 05-07, 2017, Barcelona, SPAIN, ISBN: 978-1-5090-3982-1, Published: 2017;
- 290. Szabo, R., Gontean, A. SCORBOT-ER III Robotic Arm Control with FPGA Using Image Processing with the Possibility to Use as Them as Sun Trackers, 2017 40TH INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP), Pages: 563–566, 40th International Conference on Telecommunications and Signal Processing (TSP), JUL 05–07, 2017, Barcelona, SPAIN, ISBN: 978–1–5090–3982–1, Published: 2017;
- 291. Szabo, R., Gontean, A. SCORBOT-ER III Robotic Arm Detection and Control with Color Recognition with the Possibility for Using in Sun Tracker Applications, 2017 1ST IEEE INTERNATIONAL CONFERENCE ON ENVIRONMENT AND ELECTRICAL ENGINEERING AND 2017 17TH IEEE INDUSTRIAL AND COMMERCIAL POWER SYSTEMS EUROPE (EEEIC / I&CPS EUROPE), 17th IEEE International Conference on Environment and Electrical Engineering (IEEE EEEIC) / 1st IEEE Industrial and Commercial Power Systems Europe (IEEE I&CPS Europe), JUN 06-09, 2017, Milan, ITALY, ISBN: 978-1-5386-3917-7, Published: 2017;
- 292. Szabo, R., Gontean, A. Sun Tracker Robotic Arm Optical Distance Measuring Algorithm Evaluation Using Six Sigma Methods, 2017 1ST IEEE INTERNATIONAL CONFERENCE ON ENVIRONMENT AND ELECTRICAL ENGINEERING AND 2017 17TH IEEE INDUSTRIAL AND COMMERCIAL POWER SYSTEMS EUROPE (EEEIC / I&CPS EUROPE), 17th IEEE International Conference on Environment and Electrical Engineering (IEEE EEEIC) / 1st IEEE Industrial and Commercial Power Systems Europe (IEEE I&CPS Europe), JUN 06-09, 2017, Milan, ITALY, ISBN: 978-1-5386-3917-7, Published: 2017;
- 293. Szoke, I.A., Stoicu-Tivadar, V., Lungeanu, D. A comparative study of using the LBC format for compressing medical images, 2017 IEEE 15TH INTERNATIONAL SYMPOSIUM ON APPLIED MACHINE INTELLIGENCE AND INFORMATICS (SAMI), Pages: 111-116, 15th IEEE International Symposium on Applied Machine Intelligence and Informatics (SAMI), JAN 26-28, 2017, Herlany, SLOVAKIA, ISBN: 978-1-5090-5655-2, Published: 2017;
- 294. Tanasa, C., Ciocan, T., Muntean, S. Numerical Assessment of Pulsating Water Jet in the Conical Diffusers, PROCEEDINGS OF THE INTERNA-TIONAL CONFERENCE OF COMPUTATIONAL METHODS IN SCIENCES AND ENGINEERING 2017 (ICCMSE-2017), Book Series: AIP Conference Proceedings, Volume: 1906, Article Number: UNSP 050002, International Conference of Computational Methods in Sciences and Engineering (ICCMSE), APR 21–25, 2017, Thessaloniki, GREECE, ISSN: 0094–243X, ISBN: 978–0–7354–1596-6, Published: 2017;
- 295. Tanase, D. DEVELOPING STUDENTS' BUSINESS AND PROFESSIONAL COMMUNICATION SKILLS A SYLLABUS MODEL FOR ROMANIAN TECH-NICAL UNIVERSITIES, INTED2017: 11TH INTERNATIONAL TECHNOLOGY, EDUCATION AND DEVELOPMENT CONFERENCE, Book Series: INTED Proceedings, Pages: 6883-6883, 11th International Conference on Technology, Education and Development (INTED), MAR 06-08, 2017, Valencia, SPAIN, ISSN: 2340-1079, ISBN: 978-84-617-8491-2, Published: 2017;
- 296. Tirian, G.O., Gheorghiu, C.A., Heput, T., Chioncel, C. Control system of water flow and casting speed in continuous steel casting, INNOVATIVE IDEAS IN SCIENCE 2016, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 200, Article Number: UNSP 012047, Conference on Innovative Ideas in Science, NOV 10–11, 2016, Baia Mare, ROMANIA, ISSN: 1757-8981, Published: 2017;



- 297. Tirian, G.O., Gheorghiu, C.A., Heput, T., Rob, R. Fuzzy control strategy for secondary cooling of continuous steel casting, INNOVATIVE IDEAS IN SCIENCE 2016, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 200, Article Number: UNSP 012046, Conference on Innovative Ideas in Science, NOV 10-11, 2016, Baia Mare, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 298. Tisca, I.A., Anusca, D., Dumitrescu, C.D. Choosing the optimal wind turbine variant using the "ELECTRE" method, MODTECH INTERNA-TIONAL CONFERENCE – MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING V, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 227, Article Number: UNSP 012129, 5th International Conference on Modern Technologies in Industrial Engineering (ModTech), JUN 14–17, 2017, Sibiu, ROMANIA, ISSN: 1757–8981, Published: 2017;
- 299. Todut, C., Dan, D., Stoian, V., Fofiu, M. Cut-out Weakening Investigation on Precast Reinforced Concrete Wall Panels, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 279–284, 16th National Technical–Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23–24, 2017, Oradea, ROMANIA, ISBN: 978–88–87729–41–2, Published: 2017;
- 300. Topirceanu, A., Gamified learning: A role-playing approach to increase student in-class motivation, KNOWLEDGE-BASED AND INTELLIGENT INFORMATION & ENGINEERING SYSTEMS, Book Series: Procedia Computer Science, Volume: 112, Pages: 41-50, 21st International Conference on Knowledge – Based and Intelligent Information and Engineering Systems (KES), SEP 06-08, 2017, Marseille, FRANCE, ISSN: 1877-0509, Published: 2017;
- 301. Topirceanu, A., Grosseck, G. Decision tree learning used for the classification of student archetypes in online courses, KNOWLEDGE-BASED AND INTELLIGENT INFORMATION & ENGINEERING SYSTEMS, Book Series: Procedia Computer Science, Volume: 112, Pages: 51-60, 21st International Conference on Knowledge – Based and Intelligent Information and Engineering Systems (KES), SEP 06-08, 2017, Marseille, FRANCE, ISSN: 1877-0509, Published: 2017;
- 302. Torac, I., Tutelea, L.N., Boldea, I. Closed Slot Induction Machine Inductances and Rotor Resistance Characterization versus Current and Frequency via FEM, 2017 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) & 2017 INTL AEGEAN CONFERENCE ON ELECTRICAL MACHINES AND POWER ELECTRONICS (ACEMP), Pages: 275–280, International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) / Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), MAY 25–27, 2017, Brasov, ROMANIA, ISBN: 978–1–5090–4489–4, Published: 2017;
- 303. Totorean, A.F., Bernad, S.I., Hudrea, I.C., Susan-Resiga, R.F. Competitive Flow and Anastomosis Angle Influence on Bypass Hemodynamics in Unsteady Flow Conditions, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS 2016 (ICNAAM-2016), Book Series: AIP Conference Proceedings, Volume: 1863, Article Number: UNSP 030013-1, International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), SEP 19–25, 2016, Rhodes, GREECE, ISSN: 0094–243X, ISBN: 978–0–7354–1538– 6, Published: 2017;
- Tudor, V., Grozav, A., Rogobete, G. Landslide: Mineralogical and Physical Investigation, WORLD MULTIDISCIPLINARY CIVIL ENGINEERING-AR-CHITECTURE-URBAN PLANNING SYMPOSIUM – WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 032041, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12–16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757–8981, Published: 2017;
- 305. Turc, C.G., Carausu, C., Belgiu, G. Cost analysis in injection moulded plastic parts designing, MODTECH INTERNATIONAL CONFERENCE -MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING V, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 227, Article Number: UNSP 012132, 5th International Conference on Modern Technologies in Industrial Engineering (ModTech), JUN 14-17, 2017, Sibiu, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 306. Turi, A., Mocan, M., Ivascu, L., Goncalves, G. Managing Success: The Benefits of Marketing Effectiveness and Strategic Plan Adaptation in Automotive Industry, SUSTAINABLE ECONOMIC GROWTH, EDUCATION EXCELLENCE, AND INNOVATION MANAGEMENT THROUGH VISION 2020, VOLS I-VII, Pages: 2047-2059, 29th International-Business-Information-Management-Association Conference, MAY 03-04, 2017, Vienna, AUSTRIA, ISBN: 978-0-9860419-7-6, Published: 2017;
- 307. Turi, A., Mocan, M., Ivascu, L. THE ROLE OF EXPERIENCES IN MAINTAINING HIGH STANDARDS IN HIGHER EDUCATION, PROCEEDINGS OF THE 14TH INTERNATIONAL CONFERENCE EFFICIENCY AND RESPONSIBILITY IN EDUCATION 2017 (ERIE), Book Series: Efficiency and Responsibility in Education, Pages: 469-481, 14th International Conference on Efficiency and Responsibility in Education (ERIE), JUN 08-09, 2017, Prague, CZECH REPUBLIC, ISSN: 2336-744X, ISBN: 978-80-213-2762-7, Published: 2017;

- 308. Tutelea, L.N., Deaconu, S.I., Popa, G.N. FEM analysis of an single stator dual PM rotors axial synchronous machine, INTERNATIONAL CON-FERENCE ON APPLIED SCIENCES (ICAS2016), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 163, Article Number: UNSP 012006, International Conference on Applied Sciences (ICAS), MAY 25-27, 2016, Hunedoara, ROMANIA, ISSN: 1757-8981, Published: 2017;
- 309. Urlan, S.D., Karancsi, O., Mitelea, I., Burca, M. MICROSTRUCTURE OF DISSIMILAR JOINTS BETWEEN DUPLEX STAINLESS STEEL AND LOW ALLOYED STEEL, METAL 2017: 26TH INTERNATIONAL CONFERENCE ON METALLURGY AND MATERIALS, Pages: 997–1002, 26th International Conference on Metallurgy and Materials (METAL), MAY 24–26, 2017, Brno, CZECH REPUBLIC, ISBN: 978–80–87294–79–6, Published: 2017;
- 310. Ursu, D., Tutelea, L.N., Ionel, D., Boldea, I. Optimal design of BLDC multi-phase reluctance machines (MRM) for variable speed drives, 2017 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) & 2017 INTL AEGEAN CONFERENCE ON ELECTRICAL MACHINES AND POWER ELECTRONICS (ACEMP), Pages: 483-488, International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) / Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), MAY 25-27, 2017, Brasov, ROMANIA, ISBN: 978-1-5090-4489-4, Published: 2017;
- 311. Vaida, D., Lelea, D. Municipal Solid Waste Incineration: Recovery or Disposal. Case Study of City Timisoara, Romania, 10TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2016, Book Series: Procedia Engineering, Volume: 181, Pages: 378-384, 10th International Conference on Interdisciplinarity in Engineering (INTER-ENG), OCT 06-07, 2016, Tirgu Mures, ROMANIA, ISSN: 1877-7058, Published: 2017;
- 312. Vasilescu, M.D., Ionel, I. 3D printer FABLAB for students at POLITEHNICA University Timisoara, 2017 IEEE 17TH INTERNATIONAL CONFERENCE ON ADVANCED LEARNING TECHNOLOGIES (ICALT), Book Series: IEEE International Conference on Advanced Learning Technologies, Pages: 512-513, 17th IEEE International Conference on Advanced Learning Technologies (ICALT), JUL 03-07, 2017, Timisoara, ROMANIA, ISSN: 2161-3761, ISBN: 978-1-5386-3870-5, Published: 2017;
- 313. Vataman, A., Grecea, D. A Numerical Investigation for the Optimisation of the Seismic Response of Steel Eccentrically Braced Frames with Short Dissipative Elements, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 291–296, 16th National Technical–Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23–24, 2017, Oradea, ROMANIA, ISBN: 978–88–87729–41–2, Published: 2017;
- 314. Vert, S., Andone, D. Zero-programming Augmented Reality Authoring Tools for Educators: Status and Recommendations, 2017 IEEE 17TH INTERNATIONAL CONFERENCE ON ADVANCED LEARNING TECHNOLOGIES (ICALT), Book Series: IEEE International Conference on Advanced Learning Technologies, Pages: 496-498, 17th IEEE International Conference on Advanced Learning Technologies (ICALT), JUL 03-07, 2017, Timisoara, ROMANIA, ISSN: 2161-3761, ISBN: 978-1-5386-3870-5, Published: 2017;
- 315. Vert, S., Vasiu, R. Augmented Reality Lenses for Smart City Data: The Case of Building Permits, RECENT ADVANCES IN INFORMATION SYSTEMS AND TECHNOLOGIES, VOL 1, Book Series: Advances in Intelligent Systems and Computing, Volume: 569, Pages: 521–527, World Conference on Information Systems and Technologies (WorldCIST), APR 11–13, 2017, Madeira, PORTUGAL, ISSN: 2194–5357, eISSN: 2194–5365, ISBN: 978–3–319–56535–4; 978–3–319–56534–7, Published: 2017;
- 316. Vilceanu, C.B., Herban, S., Musat, C. Time Structural Behaviour of Buildings Monitored by Topographic Technologies, MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Pages: 99–104, 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, MAR 23–24, 2017, Oradea, ROMANIA, ISBN: 978–88–87729–41–2, Published: 2017;
- 317. Vilceanu, C.B., Grecea, C., Musat, C. Relevancy of Mathematical Support for Geophysics Determinations, PROCEEDINGS OF THE INTERNATION-AL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS 2016 (ICNAAM-2016), Book Series: AIP Conference Proceedings, Volume: 1863, Article Number: UNSP 430008-1, International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), SEP 19-25, 2016, Rhodes, GREECE, ISSN: 0094-243X, ISBN: 978-0-7354-1538-6, Published: 2017;
- 318. Vinga, C., Cazacu, E., Frigura-Iliasa, F.M., Vatau, D. Educational Model for Diamagnetic Material Applications in Micro and Nano Levitation Devices, 2017 16TH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY BASED HIGHER EDUCATION AND TRAINING (ITHET), Book Series: International Conference on Information Technology Based Higher Education and Training, 16th International Conference on Information Technology Based Higher Education and Training (ITHET), JUL 10-12, 2017, Ohrid, MACEDONIA, ISSN: 2380-1603, ISBN: 978-1-5386-3968-9, Published: 2017;



- 319. Visescu, M., Beilicci, E., Beilicci, R. Integrated Hydrographical Basin Management. Study Case Crasna River Basin, WORLD MULTIDISCI-PLINARY CIVIL ENGINEERING-ARCHITECTURE-URBAN PLANNING SYMPOSIUM – WMCAUS, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 245, Article Number: UNSP 032038, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS), JUN 12–16, 2017, Prague, CZECH REPUBLIC, ISSN: 1757-8981, Published: 2017;
- 320. Vlazan, P., Sfirloaga, P., Poienar, M., Stoia, M. Structure and properties of nanocrystalline Bi3+ doped KNb03 ceramics obtained by hydrothermal method, MATERIALS TODAY-PROCEEDINGS, Volume: 4, Issue: 7, Pages: 7018–7024, Part: 1, 13th International Conference on Nanosciences and Nanotechnologies (NN) / 9th International Symposium on Flexible Organic Electronics (ISFOE), JUL 04–07, 2016, Thessaloniki, GREECE, ISSN: 2214–7853, Published: 2017.