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TABLE OF CONTENTS

Pg.	Description
1	Type: Invited lecture Authors: GLESK, I. Title: <i>Bandwidth Crunch, Challenges and Search for Solutions</i> File name: IL1.pdf
2	Type: Invited lecture Authors: GENNARO, F. Title: <i>Active Front End Converters for High Power Charging Stations with High Frequency SiC Enabled Operations</i> File name: IL2.pdf
6	Type: Invited lecture Authors: FOJTIK, A. Title: <i>NANO – The Next Dimension: Smart Nanostructures – Sophisticated Forms of Matter for New Technology Development</i> File name: IL3.pdf
8	Type: Invited lecture Authors: PEREPELKIN, D.; TSYGANOV, I. Title: <i>Network Slicing Algorithm with Quality of Services in Software Defined Networks</i> File name: IL4.pdf
12	Type: Invited lecture Authors: SVOLIK, P. Title: <i>UPS as an Active Part of Smart Grid</i> File name: IL5.pdf
13	Type: Invited lecture Authors: BORGHETTI, A.; CORREDOR, C. O.; GAMBINI, M. M.; NUCCI, C. A.; NAPOLITANO, F.; TOSSANI, F. Title: <i>Scheduling of the Resources in a Local Energy Community</i> File name: IL6.pdf
14	Type: Paper Authors: DURCEK, V.; KUBA, M.; DADO, M. Title: <i>Algorithm for Removal of Short Cycles in Tanner Graphs with Minimum-Hamming-Distance Check</i> File name: TPC1_01_1144118.pdf
19	Type: Paper Authors: AKININA, N. V.; MELNIK, O. V.; KRIVTSOV, V. A.; NIKIFOROVA, E. M. Title: <i>Analysis of Negative Anthropogenic Impact on the Ecological Condition of the Landscape with Optical Computer Technology</i> File name: TPC1_03_1044045.pdf
24	Type: Paper Authors: IVUTIN, A. N.; VOLOSHKO, A. G.; IZOTOV, V. N. Title: <i>Approach to Data Race Detection Based on Petri Nets with Additional Semantic Relations</i> File name: TPC1_04_1109065.pdf
29	Type: Paper Authors: SYKORA, P.; SINKO, M.; VRŠKOVA, R.; KAMENCAY, P.; HUDEC, R. Title: <i>Comparison of convolutional neural network in Python environment on CPU and GPU</i> File name: TPC1_05_1147123.pdf
33	Type: Paper Authors: FRNIAK, M.; KAMENCAY, P.; MARKOVIC, M.; DUBOVAN, J.; DADO, M. Title: <i>Comparison of Vehicle Categorisation by Convolutional Neural Networks using MATLAB</i> File name: TPC1_06_1164143.pdf

No.	Description
37	<p>Type: Paper Authors: TARASOV, A. S.; TARASOVA, V. Y.; GRINCHENKO, N. N.; STEPANOV, M. A. Title: <i>Development of a Search System for Similar Images</i> File name: TPC1_07_1113068.pdf</p>
43	<p>Type: Paper Authors: PEREPELKIN, D.; SAPRYKIN, A.; IVANCHIKOVA, M.; KOSORUKOV, S. Title: <i>Digital Cloud Platform of Distributed Data Storage in Sphere of Higher Education</i> File name: TPC1_08_1071127.pdf</p>
48	<p>Type: Paper Authors: EFIMOV, A. I.; KUDINOV, I. A.; MELNIK, O. V.; NIKIFOROV, M. B.; KHOLOPOV, I. S. Title: <i>Digital Multispectral Images Superimposition Based on Preliminary Calibration or Contour Analysis: Advantages and Disadvantages</i> File name: TPC1_09_1039024.pdf</p>
54	<p>Type: Paper Authors: KOSTROV, B. V.; BABAEV, S. I.; BASTRYCHKIN, A.; BARANCHIKOV, A. I.; KOLESENKOV, A. N. Title: <i>Image compression based on Walsh spectra</i> File name: TPC1_10_1115071.pdf</p>
58	<p>Type: Paper Authors: BENCO, M.; KAMENCAY, P.; HUDEC, R.; RADILOVA, M.; SYKORA, P. Title: <i>Image Texture Analysis based on Color Level Methods using Neural Network</i> File name: TPC1_11_1051106.pdf</p>
63	<p>Type: Paper Authors: ZDANSKY, J.; VALIGURSKY, J.; MEDVEDIK, M. Title: <i>Influence of Architecture and Parameters of SRCS on Safety Function Response Time</i> File name: TPC1_12_1010029.pdf</p>
68	<p>Type: Paper Authors: ZGANK, A.; MAUCEC, M. SEPEŠY Title: <i>Influence of Emotional Speech on Continuous Speech Recognition</i> File name: TPC1_13_1105063.pdf</p>
72	<p>Type: Paper Authors: PEREPELKIN, D.; IVANCHIKOVA, M. Title: <i>Intelligent Adaptive Routing Algorithm in Software Defined Networks with Quality of Service</i> File name: TPC1_14_1071100.pdf</p>
76	<p>Type: Paper Authors: TARASOV, A.; MURATOV, Y.; NIKIFOROV, M.; BARANCHIKOV, A. Title: <i>Intelligent Video Computer Tracking System</i> File name: TPC1_15_1113076.pdf</p>
80	<p>Type: Paper Authors: MATUSKA, S.; HUDEC, R.; SINKO, M. Title: <i>Internet of Things for Local Weather Monitoring</i> File name: TPC1_16_1100051.pdf</p>
84	<p>Type: Paper Authors: IVUTIN, A. N.; VOLOSHKO, A. G. Title: <i>Method of Formal Verification of Program Code based on Petri Net with Additional Semantic Relations</i> File name: TPC1_17_1109064.pdf</p>

No.	Description
90	<p>Type: Paper Authors: RADILOVA, M.; KAMENCAY, P.; SINKO, M.; BENCO, M.; HUDEC, R. Title: <i>Optimization Tool of Website for Smart Phone</i> File name: TPC1_18_1099103.pdf</p>
95	<p>Type: Paper Authors: RUCHKIN V.; FULIN V.; ROMANCHUK, V.; KORYACHKO A.; RUCHKINA E. Title: <i>Personal Trusted Platform Module for the Multi-Core System of 5G Security and Privacy</i> File name: TPC1_19_1119077.pdf</p>
99	<p>Type: Paper Authors: HORVATH, T.; MUNSTER, P.; LATAL, M.; BAO, N.-H. Title: <i>Photonic Services with Sensor System in One Fibre with 100-GHz DWDM Grid</i> File name: TPC1_20_1038012.pdf</p>
103	<p>Type: Paper Authors: ABASOVA, J.; GRIGELOVA, V.; TANUSKA, P. Title: <i>Proposal of data preparation model for Big Data analytics in painting process</i> File name: TPC1_21_1086036.pdf</p>
109	<p>Type: Paper Authors: ZDANSKY, J.; RASTOCNY, K.; MEDVEDIK, M. Title: <i>Safety of Two-Channel Connection of Sensors to Safety PLC</i> File name: TPC1_22_1010056.pdf</p>
114	<p>Type: Paper Authors: MEDVEDIK, M.; ZDANSKY, J. Title: <i>Safety PLC Programming Based on UML Statechart</i> File name: TPC1_23_1010008.pdf</p>
119	<p>Type: Paper Authors: BARANCHIKOV, A. I.; BARANCHIKOV P. A.; BABAEV S. I.; TARASOV A. S. Title: <i>Selection of Access Method for a Set of Table Records in a Relational Databases</i> File name: TPC1_24_1048044.pdf</p>
123	<p>Type: Paper Authors: KORYACHKO A.; MINAEV V.; FADDEEV A. Title: <i>Simulation modeling of counteraction to manipulative influences in social networks</i> File name: TPC1_25_1135096.pdf</p>
127	<p>Type: Paper Authors: KREJCAR, O.; MARESOVA, P.; BRIDA, P.; BARAKOVIC, S.; BARAKOVIC HUSIC, J.; KUCA, K.; SELAMAT, A. Title: <i>Technology Analysis of Global Smart Furniture Development Using Patent Data</i> File name: TPC1_26_1149126.pdf</p>
133	<p>Type: Paper Authors: KAJANOVA, M.; BRACINIK, P.; ROCH, M. Title: <i>A decision-making process in a vehicle to grid concept</i> File name: TPC2_01_1116070.pdf</p>
137	<p>Type: Paper Authors: BRNCAL, P.; GUTTEN, M.; KORENCIAK, D.; SEBOK, M.; KOLTUNOWICZ, T. N.; ZUKOWSKI, P. Title: <i>Analysing of insulating system oil-paper of power transformers by frequency dielectric spectroscopy</i> File name: TPC2_02_1130090.pdf</p>
141	<p>Type: Paper Authors: NARDO, D.; SCUTO, A.; CACCIATO, M. Title: <i>Analysis of the impacts of the VGStH in modern SMPS</i> File name: TPC2_03_1171147.pdf</p>

No.	Description
147	<p>Type: Paper Authors: ZOSSAK, S.; VARECHA, P.; MAKYS, P. Title: <i>Comparison of Field Oriented and Six-step Control for High-speed PMSM Drive</i> File name: TPC2_06_1160139.pdf</p>
152	<p>Type: Paper Authors: NEMEC, D.; MICHALIK, R.; HRUBOS, M.; SIMAK, V. Title: <i>Control Strategy for Lithium Batteries Balancing Circuit</i> File name: TPC2_07_1026043.pdf</p>
158	<p>Type: Paper Authors: NOVAK, M.; SIRANEC, M.; BELANY, P.; PERNIS, F.; ROCH, M. Title: <i>Design of a Power Calculator Model for tilted PV Panels</i> File name: TPC2_08_1005145.pdf</p>
163	<p>Type: Paper Authors: SIMCAK, M.; FRIVALDSKY, M. Title: <i>Design of balancing system for traction batteries</i> File name: TPC2_09_1029136.pdf</p>
169	<p>Type: Paper Authors: KOVACIK, M.; POSPISIL, M. Title: <i>Design of electric multiple unit for Tatra electric railway</i> File name: TPC2_10_1088037.pdf</p>
174	<p>Type: Paper Authors: KELLNER, J.; PRAZENICA, M. Title: <i>Design of charging system with the elimination of electric arc during switching off</i> File name: TPC2_11_1096049.pdf</p>
180	<p>Type: Paper Authors: FRIVALDSKY, M.; PIPISKA, M.; SEDO, J.; DANKO, M. Title: <i>Design of SOC evaluation unit for multi-cell traction battery system</i> File name: TPC2_12_1146121.pdf</p>
185	<p>Type: Paper Authors: BENO, P.; KUBIS, M.; GUTTEN, M.; SIMKO, M. Title: <i>Design of the steering structure for a single wheeled vehicle</i> File name: TPC2_13_1129089.pdf</p>
189	<p>Type: Paper Authors: PIPISKA, M.; PASKALA, M.; CERVENY, J. Title: <i>Design of universal, high-voltage auxiliary power supply</i> File name: TPC2_14_1152131.pdf</p>
195	<p>Type: Paper Authors: MORGOS, J.; HANKO, B.; FRIVALDSKY M. Title: <i>Design proposal of low noise automotive power supply for high-end audio systems</i> File name: TPC2_15_1155132.pdf</p>
200	<p>Type: Paper Authors: KUBIS, M.; BENO, P.; SEBOK, M.; KORENCIAK, D.; GUTTEN, M. Title: <i>Diagnosis of the ignition system for various conditions</i> File name: TPC2_17_1129088.pdf</p>
204	<p>Type: Paper Authors: SEBOK, M.; KUBIS, M.; GUTTEN, M.; KUCERA, M.; KOLTUNOWICZ, T. N.; BONDARIEV, V. Title: <i>Diagnostics of automotive ignition system in operating conditions</i> File name: TPC2_18_1130091.pdf</p>

No.	Description
208	<p>Type: Paper Authors: DOBRUCKY, B.; KASCAK, S.; PRAZENICA, M.; RESUTIK, P. Title: <i>Direct controlled [3x5] matrix converter supplying 5-phase pentacle IM</i> File name: TPC2_19_1137101.pdf</p>
213	<p>Type: Paper Authors: POSPISILIK, M.; NAVRATIL, M.; ADAMEK, M. Title: <i>Distortion caused by controlling transistor implemented in the voltage controlled amplifier</i> File name: TPC2_20_1170149.pdf</p>
219	<p>Type: Paper Authors: COSMAN, I. S.; VASCAN, I.; BILATIU, C.; DRANCA, M.; IUSAN, A.; MARTIS, C. Title: <i>EDM cutting for rapid prototyping of a PMBG</i> File name: TPC2_21_1078081.pdf</p>
224	<p>Type: Paper Authors: KOCAN, S.; RAFAJDUS, P.; SUMEGA, M. Title: <i>Effect of Air Gap Size on parameters of High Speed Switched Reluctance Motor</i> File name: TPC2_22_1159137.pdf</p>
229	<p>Type: Paper Authors: VARECHA, P.; MAKYS, P.; PACHA, M.; ZOSSAK, S. Title: <i>Effect of MOSFET lifetime on reliability of low-side MOSFET current sensing technique</i> File name: TPC2_23_1158138.pdf</p>
235	<p>Type: Paper Authors: RESUTIK, P.; KASCAK, S. Title: <i>Estimation of Power Losses and Temperature Distribution in Three-Phase Inverter</i> File name: TPC2_24_1137104.pdf</p>
240	<p>Type: Paper Authors: ILONCIAK, J.; KOVAC, M.; KACSOR, G.; BIEL, Z.; FRANKO, M.; BUDAY, J. Title: <i>Feedforward control structure with adaptive feedback loop of step down converter</i> File name: TPC2_25_1103058.pdf</p>
245	<p>Type: Paper Authors: MERFELDAS, A.; ANDRIUKAITIS, D.; GAILIUS, D.; VALINEVICIUS, A.; MARKEVICIUS, V.; NAVIKAS, D.; ZILYS, M. Title: <i>Field Uniformity and TEM Mode Verification in GTEM 1000 Cell</i> File name: TPC2_26_1188161.pdf</p>
249	<p>Type: Paper Authors: NEMEC, P.; MALCHO, M.; POLACIKOVA, M.; JANDACKA, J. Title: <i>Heat Dissipation from Power Electronic Components and Electrical Enclosures Using the Gravity Loop Heat Pipe</i> File name: TPC2_27_1172151.pdf</p>
253	<p>Type: Paper Authors: BIEL, Z.; KACSOR, G.; ILONCIAK, J.; BUDAY, J.; FRANKO, M. Title: <i>Implementation of Control Strategy for Parallel Operation of Three Phase Inverters</i> File name: TPC2_28_1057019.pdf</p>
258	<p>Type: Paper Authors: WOJCIECHOWSKI, J.; CISZEWSKI, T.; NOWAKOWSKI, W.; ŁUKASIK, Z. Title: <i>Improving power continuity by the installation of reclosers: Case study.</i> File name: TPC2_29_1112073.pdf</p>
262	<p>Type: Paper Authors: DOBRUCKY, B.; SEDO, J.; BRACINIK, P.; LUSKOVA, M. Title: <i>Improving reliability of sensitive appliance supply combining DVR and UPS techniques: A new concept</i> File name: TPC2_30_1063119.pdf</p>

No.	Description
267	<p>Type: Paper</p> <p>Authors: NOBILE, G.; VASTA, E.; CACCIATO, M.; SCARCELLA, G.; SCELBA, G.; DI STEFANO, A. G. F.; LEOTTA, G.; PUGLIATTI, P. M.; BIZZARRI, F.</p> <p>Title: <i>Integration of a relaxation voltage prediction function into a PI-based observer to improve the SOC estimation of battery packs in renewable applications</i></p> <p>File name: TPC2_31_1184158.pdf</p>
273	<p>Type: Paper</p> <p>Authors: MORGOS, J.; FRIVALDSKY, M.; HANKO B.</p> <p>Title: <i>Investigation of residential energy hub operation suited for smart grid applications</i></p> <p>File name: TPC2_32_1155133.pdf</p>
279	<p>Type: Paper</p> <p>Authors: TINTELECAN, A.; CONSTANTINESCU-DOBRA, A.; MARTIS, C.</p> <p>Title: <i>Literature Review- Electric Vehicles Life Cycle Assessment</i></p> <p>File name: TPC2_33_1122083.pdf</p>
285	<p>Type: Paper</p> <p>Authors: SIRANEC, M.; REGULA, M.; OTCENASOVA, A.; HOGER, M.</p> <p>Title: <i>Measurement and Evaluation of the Stray Currents from the AC Electric Traction Systems</i></p> <p>File name: TPC2_34_1058021.pdf</p>
291	<p>Type: Paper</p> <p>Authors: SIRANEC, M.; REGULA, M.; OTCENASOVA, A.; ALTUS, J.</p> <p>Title: <i>Measurement and Evaluation of the Stray Currents from the DC Electric Traction Systems</i></p> <p>File name: TPC2_35_1058020.pdf</p>
297	<p>Type: Paper</p> <p>Authors: DRGONA, P.; STEFAN, R.; KASCAK, S.; MORGOS J.</p> <p>Title: <i>Methods for identification of power converters in automotive industry</i></p> <p>File name: TPC2_36_1138111.pdf</p>
302	<p>Type: Paper</p> <p>Authors: DANKO, M.; DRGONA, P.; HANKO, B.</p> <p>Title: <i>Optimization of power flow control in electric vehicle based on GPS</i></p> <p>File name: TPC2_37_1146120.pdf</p>
307	<p>Type: Paper</p> <p>Authors: KACSOR, G.; FRANKO, M.; BUDAY, J.; BIEL, Z.; HUDAK, M.; ILONCIK, J.</p> <p>Title: <i>Power Supply Concepts for Particle Accelerators</i></p> <p>File name: TPC2_38_1036016.pdf</p>
313	<p>Type: Paper</p> <p>Authors: MICARI, S.; FOTI, S.; TESTA, A.; DE CARO, S.; SERGI, F.; ANDALORO, L.; ALOISIO, D.; NAPOLI, G.</p> <p>Title: <i>Prediction of Ageing Effects on Lithium-Ion Battery for Electric Vehicles</i></p> <p>File name: TPC2_39_1183157.pdf</p>
321	<p>Type: Paper</p> <p>Authors: DOBRUCKY, B.; BENOVA, M.; KONARIK, R.; CHERNOYAROV, O. V.</p> <p>Title: <i>Prediction of Voltage Stresses for Power Electronic System (LCLC) using Energy State Determination</i></p> <p>File name: TPC2_40_1063025.pdf</p>
328	<p>Type: Paper</p> <p>Authors: ŁUKASIK, Z.; OLCZYKOWSKI, Z.</p> <p>Title: <i>Quality and reliability of electricity supply</i></p> <p>File name: TPC2_41_1083057.pdf</p>

No.	Description
334	<p>Type: Paper Authors: MACHA, D.; SOWA, D. Title: <i>Reduction of the influence of electromagnetic field interference on a torque sensor of a light electric vehicle</i> File name: TPC2_42_1084082.pdf</p>
339	<p>Type: Paper Authors: CEPENAS, M.; PENG, B.; RAVIKUMAR, CH.; MARKEVICIUS, V.; DUBAUSKIENE, N.; VALINEVICIUS, A.; NAVIKAS, D.; ZILYS, M.; MERFELDAS, A.; ANDRIUKAITIS, D.; HINOV, N. Title: <i>Research of Parameters of Plastic Piezoelectric Harvester for Practical Model Implementation</i> File name: TPC2_43_1186162.pdf</p>
343	<p>Type: Paper Authors: FOTI, S.; TESTA, A.; DE CARO, S.; SCELBA, G.; SCARCELLA, G. Title: <i>Sensorless Rotor and Stator Temperature Estimation in Induction Motor Drives</i> File name: TPC2_44_1183156.pdf</p>
349	<p>Type: Paper Authors: KARABANOV, S. M.; KISTRINA, E. I.; SUVOROV, D. V.; BEZRUKIKH, P. P.; KUVAKOVA, I. M.; PEREPEL'KIN, D. A. Title: <i>Socio-Economic Aspects of Microgrid Application in Russia</i> File name: TPC2_45_1132093.pdf</p>
353	<p>Type: Paper Authors: KINDL, V.; FERKOVA, Z.; CERMAK, R. Title: <i>Spatial Harmonics in Multi-Phase Induction Machine</i> File name: TPC2_46_1154146.pdf</p>
357	<p>Type: Paper Authors: FERKOVA, Z.; BOBER, P. Title: <i>Switched Reluctance Motor Efficiency Increasing by Firing Angle Adjustment for Average Torque Control</i> File name: TPC2_47_1154148.pdf</p>
361	<p>Type: Paper Authors: ŁUKASIK, Z.; KOZYRA, J.; KUSMINSKA-FIJAŁKOWSKA, A. Title: <i>System of guaranteed power supply for the purposes of automated laser cutter in technologies of industrial cutting materials</i> File name: TPC2_48_1030013.pdf</p>
367	<p>Type: Paper Authors: BELANY, P.; ROCH, M. Title: <i>The impact of the retrofitted lighting system to the intelligent measurement system</i> File name: TPC2_49_1005028.pdf</p>
372	<p>Type: Paper Authors: ALLEGRA, A.; SCELBA, G.; CACCIATO, M.; FOTI, S.; TESTA, A.; CAVALLARO, D.; BAZZANO, G.; CASCIO, A.; AIELLO, G. Title: <i>Thermal Equivalent Circuit Model of Multi-Die SiC Power Modules</i> File name: TPC2_51_1171150.pdf</p>
378	<p>Type: Paper Authors: SUMEGA, M.; RAFAJDUS, P.; KOCAN, S.; STULRAJTER, M. Title: <i>Torque Ripple Reduction in PM Motors using Current Harmonics Controller</i> File name: TPC2_52_1161141.pdf</p>
384	<p>Type: Paper Authors: KYSLAN, K.; LACKO, M.; FERKOVA, Z.; ZASKALICKY, P. Title: <i>V/F Control of Five Phase Induction Machine Implemented on DSP using Simulink Coder</i> File name: TPC2_53_1082114.pdf</p>

No.	Description
390	<p>Type: Paper Authors: FRIVALDSKY, M.; PAVELEK, M.; KINDL, V.; ZAVREL, M. Title: <i>Wireless Power Transfer System Design Methodology – analysis, design, verification</i> File name: TPC2_54_1029099.pdf</p>
396	<p>Type: Paper Authors: BEDNAR, T.; BORIK, S.; BABUSIAK, B. Title: <i>Active electrode circuits for capacitively coupled measurements.</i> File name: TPC3_01_1093048.pdf</p>
401	<p>Type: Paper Authors: JABLONCIK, F.; HARGAS, L.; KONIAR, D.; BULAVA, J.; BEDDAD, B. Title: <i>Ciliated epithelium segmentation using texture features classification</i> File name: TPC3_02_1140109.pdf</p>
406	<p>Type: Paper Authors: KOHAN, M.; JAKUSOVA, V.; JAKUS, J.; ZIVCAK, J.; HUDAK, R.; SCHNITZER, M.; JANCOSEK, M.; IVANKOVA, J. Title: <i>Comparison of networking technology in relationship with cellular phone radiation as a potential threat to the population</i> File name: TPC3_03_1200163.pdf</p>
411	<p>Type: Paper Authors: RADIL, R.; BARABAS, J.; JANOUSEK, L.; JUDAKOVA, Z.; KAMENCAY, P. Title: <i>Could electromagnetic signal modulation affect biological reaction of <i>S. Cerevisiae</i>?</i> File name: TPC3_04_1150140.pdf</p>
415	<p>Type: Paper Authors: KONIAR, D.; VOLAK, J.; HARGAS, L.; JANISOVA, S. BAJZIK, J. Title: <i>Depth cameras calibration for obstructive sleep apnea diagnostic support</i> File name: TPC3_05_1139107.pdf</p>
421	<p>Type: Paper Authors: BAJZIK, J.; KONIAR, D.; HARGAS, L.; VOLAK, J.; JANISOVA, S. Title: <i>Depth Sensor Selection for Specific Application</i> File name: TPC3_06_1139108.pdf</p>
427	<p>Type: Paper Authors: SMONDRK, M.; BORIK, S.; BEDNAR, T.; BABUSIAK, B. Title: <i>Design and Implementation of Low-Cost and Low-Energy Health-Care Monitoring System</i> File name: TPC3_07_1162142.pdf</p>
431	<p>Type: Paper Authors: TOTHOVA, B.; PAVELEK, M.; OKAJCEKOVA, T.; KMETOVA SIVONOVA, M.; SPANIK, P.; HALASOVA, E.; FRIVALDSKY, M.; SKOVIEROVA, H. Title: <i>Effect of acute intermediate frequency electromagnetic field exposure on human neural cells</i> File name: TPC3_08_1165144.pdf</p>
437	<p>Type: Paper Authors: HOCKICKO, P. Title: <i>Electric and Dielectric Properties of Magnesium Metaphosphate Glasses</i> File name: TPC3_09_1045038.pdf</p>
441	<p>Type: Paper Authors: GOMBARSKA, D.; SMETANA, M.; DROZDIKOVA, Z.; VAVERKA, F. Title: <i>Electromagnetic field in vicinity of electronic baby monitor</i> File name: TPC3_10_1201164.pdf</p>

No.	Description
446	<p>Type: Paper Authors: PSENAKOVA, Z.; MYDLOVA, J.; BENOVA, M. Title: <i>Evaluation of Specific absorption rate (SAR) in model of human head in different shielded spaces</i> File name: TPC3_11_1031060.pdf</p>
452	<p>Type: Paper Authors: GUDZEV, V.V.; LITVINOV, V.G.; MISHUSTIN, V.G.; MASLOV, A.D.; ZUBKOV, M.V. Title: <i>Experimental equipment to investigate deep energy levels in semiconductor barrier structures with high leakage current</i> File name: TPC3_12_1040092.pdf</p>
455	<p>Type: Paper Authors: SMETANA, M.; GOMBARSKA, D.; CHUDACIK, V.; JANOUSEK, L.; VAVERKA, F. Title: <i>Experimental Identification of 316L Stainless Steel's Artificial Fatigue Cracks by Eddy Current Method</i> File name: TPC3_13_1087102.pdf</p>
461	<p>Type: Paper Authors: DLOUHY, M.; KOTLAN, V.; DOLEZEL, I. Title: <i>Indirect induction hardening of thin electrically non-conductive layers</i> File name: TPC3_14_1114069.pdf</p>
465	<p>Type: Paper Authors: TREGULOV, V.; LITVINOV, V.; ERMACHIKHIN, A.; MASLOV, A. Title: <i>Influence of deep level defects on photoelectrical processes in p-n junction solar cells with porous silicon antireflection coating</i> File name: TPC3_15_1040009.pdf</p>
468	<p>Type: Paper Authors: TARJANYI, N.; KACIK, D.; JAMIER, R.; HUMBERT, G.; ROY, P.; AUGUSTE, J.-L. Title: <i>Investigation of Group Birefringence of Polarisation Maintaining Highly Birefringent Optical Fiber</i> File name: TPC3_16_1053041.pdf</p>
472	<p>Type: Paper Authors: MASLOV, A.; LITVINOV, V.; VISHNYAKOV, N.; GUDZEV, V.; ERMACHIKHIN, A.; VIKHROV, S.; Title: <i>Investigation of recombination centers in the active layers of (HIT) Solar Cell</i> File name: TPC3_17_1040010.pdf</p>
476	<p>Type: Paper Authors: PSENAKOVA, Z.; LAUKOVA, T.; BENOVA, M. Title: <i>Investigation of Specific absorption rate (SAR) near model of fetus in uterus</i> File name: TPC3_18_1031061.pdf</p>
482	<p>Type: Paper Authors: VAVERKA, F.; LABUDA, M.; GALA, M. Title: <i>Apparatus for testing the basic parameters of pacemaker</i> File name: TPC3_19_1095052.pdf</p>
486	<p>Type: Paper Authors: RICHTER, A.; FERKOVA, Z.; MORAVA J. Title: <i>Low-frequency and Pulse Electromagnetic Interaction (EMI) of Cardiac System with Implanted Pacemakers, Introduction of Physical Aspects in View of Modelling and Simulation for application in Clinical Research</i> File name: TPC3_20_1154128.pdf</p>
492	<p>Type: Paper Authors: KOTLAN, V.; HAMAR, R.; DOLEZEL, I. Title: <i>Modeling of induction-assisted 3D laser printing</i> File name: TPC3_21_1143117.pdf</p>

No.	Description
497	<p>Type: Paper Authors: SUSLIK, L.; DURISOVA, J.; URBANCOVA, P.; HARDON, S. Title: <i>Near field investigation of woodpile structure</i> File name: TPC3_22_1023115.pdf</p>
501	<p>Type: Paper Authors: MERFELDAS, A.; KUZAS, P.; GAILIUS, D.; NAKUTIS, Z.; KNYVA, M.; VALINEVICIUS, A.; ANDRIUKAITIS, D.; ZILYS, M.; NAVIKAS, D. Title: <i>Near-field Probe Radiation Profile Boundaries Assesment for Optimal Radiated RF Power Susceptibility Pre-mapping</i> File name: TPC3_23_1188160.pdf</p>
505	<p>Type: Paper Authors: FAKTOROVA, D.; NOVY, F.; STEIGMANN, R.; ISTRATE, B.; MUNTEANU, C.; SAVIN, A. Title: <i>Nondestructive Evaluation of Biodegradable Magnesium Alloys</i> File name: TPC3_24_1069035.pdf</p>
509	<p>Type: Paper Authors: KACIK, D.; TARJANYI, N.; MARTINCEK, I.; MACIAK, J.; HORAK, J.; MACIAKOVA, A. Title: <i>Optical sensor based on all-fiber interferometer for systems Weight in Motion</i> File name: TPC3_25_1124086.pdf</p>
513	<p>Type: Paper Authors: SKUNDA, J.; POLEC, J.; KACUR, J.; NERUSIL, B.; ALMASI, M.; SMOLEJOVA, E. Title: <i>Orthogonal Transform Coding Theory for Schizophrenia Disorder Detection</i> File name: TPC3_26_1074039.pdf</p>
517	<p>Type: Paper Authors: GORAUS, M.; MARTINCEK, I.; URBANCOVA, P.; PUDIS, D.; KACIK, D. Title: <i>Polymer lab-on fiber probe based on Fabry-Perot resonator</i> File name: TPC3_27_1124087.pdf</p>
521	<p>Type: Paper Authors: JANDURA, D.; PUDIS, D.; MIZERA, T.; VEVERICK, M.; GASO, P. Title: <i>Preparation of Fresnel zone plate for LED application using laser lithography</i> File name: TPC3_28_1142116.pdf</p>
525	<p>Type: Paper Authors: JANEK, M.; LADYGIN, V. P.; PIYADIN, S. M. Title: <i>Properties of detectors used in dp breakup experiment investigated at intermediate energies</i> File name: TPC3_29_1110066.pdf</p>
529	<p>Type: Paper Authors: PETRASOVA, I.; KARBAN, P.; FORZAN, M.; DOLEZEL, I.; DI BARBA, P. Title: <i>Sensitivity analysis of time of induction heating process on charge parameters</i> File name: TPC3_30_1145134.pdf</p>
533	<p>Type: Paper Authors: LINDAUER, V.; POKORNY, P.; KEDLESOVA, E.; CAPEK, L. Title: <i>Simple method for measuring skin elasticity in vivo in situ</i> File name: TPC3_31_1117072.pdf</p>
538	<p>Type: Paper Authors: BULAVA, J.; HARGAS, L.; KONIAR, D.; SINDLER, P.; JABLONCIK, F.; VOLAK, J. Title: <i>Stroboscopic Measurement of Kinematic Parameters Using Highspeed Camera</i> File name: TPC3_32_1141110.pdf</p>

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543	<p>Type: Paper Authors: HARDON, S.; KUDELČIK, J. Title: <i>Theoretical analyzation of the complex permittivity of epoxy resin with ZnO nanoparticles</i> File name: TPC3_33_1023105.pdf</p>
547	<p>Type: Paper Authors: VEVERČIK, M.; BURY, P.; KOPCANSKY, P.; TIMKO, M.; HARDON, S.; Title: <i>Ultrasonic and optical examination of doped liquid crystal under an applied external field</i> File name: TPC3_34_1142130.pdf</p>
551	<p>Type: Paper Authors: LABUDA, M.; VAVERKA, F.; BORIK, S. Title: <i>Ultrasound based distance measurement and assessment of obstacles in the area – a concept for educational purposes</i> File name: TPC3_35_1111067.pdf</p>
555	<p>Type: Paper Authors: MAKAROVIC, J.; BERAN, J.; BUZEK, M.; STANO, M. Title: <i>An intermediate finite element tool for static analysis and design of linear actuators</i> File name: TPC4_01_1064027.pdf</p>
559	<p>Type: Paper Authors: HARGAS, L.; HOCK, O.; KONIAR, D.; SIMONOVA, A.; URICA, T. Title: <i>Aplying specified substance using robotic arm</i> File name: TPC4_02_1141124.pdf</p>
563	<p>Type: Paper Authors: SKALA, B.; KINDL, V.; POLACEK, L.; TURJANICA, P.; VOBORNIK, A.; VALENTA, J.; BACHURA, V. Title: <i>Design of Current Sensor for Medium Frequency Operation</i> File name: TPC4_04_1081033.pdf</p>
569	<p>Type: Paper Authors: SZYCHTA, E.; SZYCHTA L. Title: <i>Characteristics of Collective Losses of Squirrel Cage Induction Motors used in Pumping Units</i> File name: TPC4_05_1054015.pdf</p>
575	<p>Type: Paper Authors: SKALA, B.; KINDL, V.; BYRTUS, M.; PUDIL, E.; LONGIN, V.; KRELOVEC, Z.; LABADI, J. Title: <i>Ovality and Tightening Force Analysis of Large Induction Machine Rotor</i> File name: TPC4_06_1081034.pdf</p>
580	<p>Type: Paper Authors: MICHALIK, R.; JANOTA A. Title: <i>The PyBullet module-based approach to control the collaborative YuMi robot</i> File name: TPC4_07_1011030.pdf</p>
584	<p>Type: Paper Authors: MELO, I.; TARJANYIOVA, G.; GINTNER, M.; TARJANYI, N. Title: <i>A reform of laboratory exercises in electricity and magnetism</i> File name: TPC5_01_1101122.pdf</p>
588	<p>Type: Paper Authors: GALITSYNA, I.; YESENINA, N. Title: <i>CLIL Technology in ICT-based English Training of Engineering Students</i> File name: TPC5_02_1075042.pdf</p>
593	<p>Type: Paper Authors: TARJANYIOVA, G.; HOCKICKO, P.; KOPYLOVA, N.; DYAGILEV, A.; IVANIKOV, A. Title: <i>Comparison of Physics Study Results at the Technical Universities in Different Countries</i> File name: TPC5_03_1045075.pdf</p>

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597	<p>Type: Paper Authors: PAVLASEK, P. Title: <i>Competency-based automotive/mobility engineering education: Implementation of creative project in modular model</i> File name: TPC5_04_1181152.pdf</p>
603	<p>Type: Paper Authors: PAVLASEK, P.; HARGAS, L.; KONIAR, D.; SIMONOVA, A.; PAVLASKOVA, V.; SPANIK, P.; URICA, T.; PRANDOVA, A. Title: <i>Flexible engineering educational concept: Insight into students' competences growth in creativity, activity, cooperation</i> File name: TPC5_05_1181153.pdf</p>
609	<p>Type: Paper Authors: YESENINA, N.; GALITSYNA, I. Title: <i>ICT-competency Training for Foreign Language Teachers of Electrical Engineering Curricula</i> File name: TPC5_06_1156135.pdf</p>
614	<p>Type: Paper Authors: DUBAUSKIENE, N.; VALINEVICIUS, A.; ANDRIUKAITIS, D.; ZILYS, M.; NAVIKAS, D.; MARKEVICIUS, V.; MERFELDAS, A. Title: <i>Innovative Teaching Methods for Engineering Students</i> File name: TPC5_07_1187159.pdf</p>
618	<p>Type: Paper Authors: KOPYLOVA, N. Title: <i>Innovative Technologies in Teaching a Foreign Language at a Technical University</i> File name: TPC5_08_1021079.pdf</p>
622	<p>Type: Paper Authors: MELO, I. Title: <i>Teaching General Physics at the Technical University</i> File name: TPC5_09_1101053.pdf</p>
625	<p>Type: Paper Authors: KOPYLOVA, N. Title: <i>The Development of an Information System for Technical University Students' Teaching and Control in English</i> File name: TPC5_10_1021080.pdf</p>
629	<p>Type: Paper Authors: KOPYLOVA, N. Title: <i>The Principles of Organizing University Networking Cooperation</i> File name: TPC5_11_1021078.pdf</p>