



SELCUK UNIVERSITY
FACULTY OF TECHNOLOGY

ICENTE'19

INTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGIES

October 25-27, 2019

Konya/TURKEY



SELCUK UNIVERSITY
FACULTY OF TECHNOLOGY

PROGRAMME





INTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGIES

ICENTE'19

October 25-27, 2019, Konya, TURKEY

➤ VENUE

SELCUK UNIVERSITY

Alaaddin Keykubat Campus

Selcuk University, Faculty of Technology, Selcuklu
Konya / TURKEY

Phone: +90332 233 33 54 E-mail: icente@selcuk.edu.tr

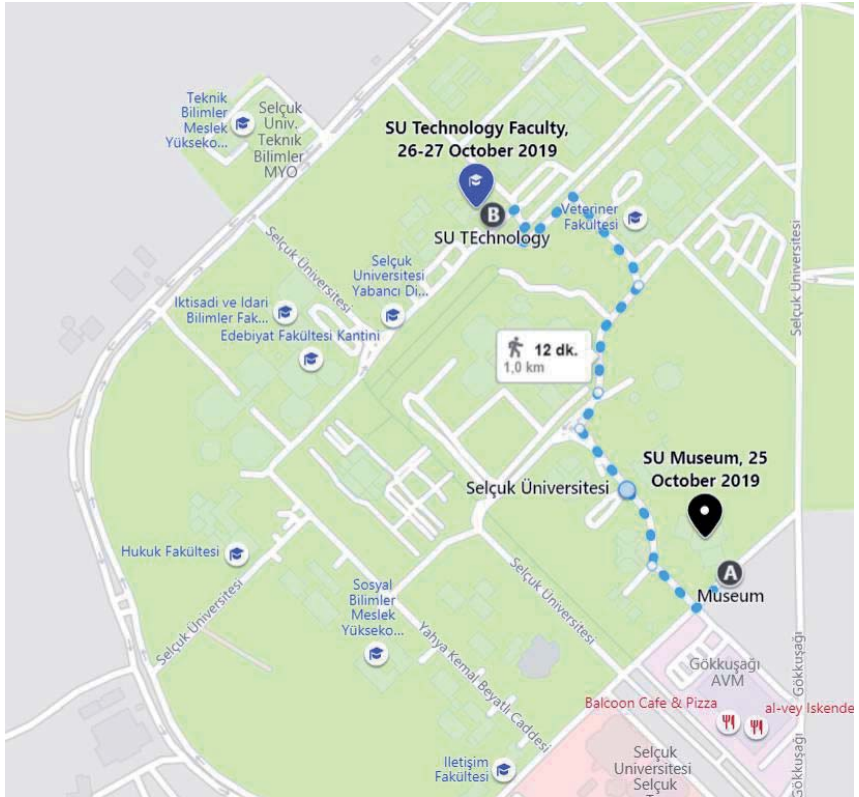


➤ **Selcuk University, Faculty of Technology**



➤ **Selcuk University Museum**





SELÇUK UNIVERSITY MUSEUM
 Address: Selçuk University Alaeddin Keykubat
 Campus
 42075 Selçuklu/KONYA
 Latitude, Longitude: 38.024235, 32.513158



FACULTY OF TECHNOLOGY
 Address: Selçuk University Alaeddin Keykubat
 Campus
 Faculty of Technology 42075 Selçuklu / KONYA
 Phone: +90 332 241 11 02
 Latitude, Longitude: 38.028589, 32.509392

October 25-27, 2019, Konya, Turkey

➤ **CONFERENCE OBJECTIVE**

International Conference on Engineering Technologies will be held on October 25-27, 2019, at Selcuk University in Konya, Turkey.

The ICENTE'19 conference is designed to bring together leading international and interdisciplinary research communities, developers, and users of advanced technologies and to discuss theoretical and practical issues in all the field of technologies.

The conference will provide a platform to present the results of the researches and developments and to highlight related activities from around the world.

The contributions will be evaluated by the Scientific Committee. The papers approved by the scientific committee will be presented. The selected papers presented in the conference that match with the topics of the journals will be published in the Journal of Selcuk-Teknik.

We will be pleased to form a common platform where you can share your expertise, experience, and resources with your colleagues.

➤ **PROGRAM COMMITTEES**

➤ **HONORARY CHAIR:**

Mustafa Sahin, Rector of Selcuk University – TR

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Mehmet Cunkas, Selcuk University - TR

Fatih Basciftci, Selcuk University - TR

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 Anas - AZ

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KEYNOTE SPEAKERS

**Prof. Dr. Jurgis Porins**

Faculty of Electronics and Telecommunications, Riga Technical university (RTU), LATVIA

Jurgis Porins is a full professor and dean of Faculty of electronics and Telecommunications at Riga Technical University. Jurgis Porins obtained PhD Degree in Electronics and Telecommunications with specialization in fiber optics and optical signal processing, Riga Technical University (RTU), Faculty of Electronics and Telecommunications (FET), Institute of Telecommunications, Latvia in 2008. Jurgis is actively involved several scientific projects, including, European Structure Fund based projects among others as project supervisor and senior researcher in the field of telecommunications. Under his supervising several masters and PhD's thesis have been developed and defended.

Currently, Jurgis is an expert of The Latvian Council of Science in the field "Electronics and Telecommunications.", a Corresponding Member of the Latvian Academy of Sciences, a member of the RTU Scientific Council, chairman of RTU Council of the FET, member of RTU Senate and vice chairman of RTU Senate Strategy Commission and member of the Electronic Communications Industry Council of the Ministry of Transport of the Republic of Latvia.

Presentation Title: Advances in optical amplification technologies for high-capacity fiber optical transmission systems

**Prof. Dr. Tzvetomir Vassilev**

Department of Informatics and Information Technology, University of Ruse, BULGARIA

Tzvetomir Ivanov Vassilev received his Master degree in Computer Science from the University of Ruse, Bulgaria, in 1990. Three years later he started his PhD education at the same university. In 1994-95 he got a Microsoft scholarship and spent one year of his PhD studies at the Queen Mary and Westfield College, University of London. In 1998 his received his Ph.D. degree. In 2000-2001 he was appointed as a Research fellow at the department of Computer Science, University College London, where he worked for a project called Centre for 3D electronic commerce, which mainly included research in the field of cloth simulation. Since 1991 he has been an employee of the University of Ruse in Bulgaria as a research assistant and teaching assistant. He is now a Professor at the Department of IIT at the same university teaching Computer Applications, Programming and Computer Graphics. His research interests include: Computer Graphics, Physical Simulation, Generic Programming on GPU, Mobile computing, Education with Games, etc.

Presentation Title: Try on of virtual garments on virtual bodies

Program Overview

25.10.2019 Friday

13:30-15:30	Registration	Registration Desk in Selcuk University Museum
14:15-14:45	Opening Ceremony	Conference Hall (Selcuk University Museum)
14:45-15:30	Plenary Session-I	Selcuk University Museum Prof. Dr. Jurgis Porins <i>"Advances in optical amplification technologies for high-capacity fiber optical transmission systems"</i>
15:30-16:00	Coffee Break	
16:00-16:45	Plenary Session-II	Selcuk University Museum Prof. Dr. Tzvetomir Vassilev <i>"Try on of virtual garments on virtual bodies "</i>

26.10.2019 Saturday

10:00-11:45	Session I	Faculty of Technology (108, 109, 110, 111, 209, 210, 211, 212)
11:45-13:15	Free Time	
13:15-15:00	Session II	Faculty of Technology (109, 111, 209, 210, 211, 212)
15:00-15:30	Coffee Break	
15:30-17:00	Session III	Faculty of Technology (109, 111, 209, 210, 211, 212)
14:00-16:00	Poster Session	Faculty of Technology (Floor 2)

27.10.2019 Sunday

Free Time and Departure

PROGRAM

INTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGIES ICENTE'19

Konya, TURKEY

SELCUK UNIVERSITY MUSEUM

PLENARY SESSIONS

Plenary Session-I : 25.10.2019 - Friday (14:45 - 15:30)	
Museum Conference Hall	CHAIR : FATI H BASCIFTCI
	0249 : ADVANCES IN OPTICAL AMPLIFICATION TECHNOLOGIES FOR HIGH CAPACITY FIBER OPTICAL TRANSMISSION SYSTEMS JURGIS PORINS

Plenary Session-II : 25.10.2019 - Friday (16:00 - 16:45)	
Museum Conference Hall	CHAIR : FATI H BASCIFTCI
	0250 : TRY ON OF VIRTUAL GARMENTS ON VIRTUAL BODIES TZVETOMIR VASSILEV

SELCUK UNIVERSITY FACULTY OF TECHNOLOGY

Session I : 26.10.2019 - Saturday (10:00 – 11:45)

209	CHAIR : MEHMET TURAN DEMIRCI
	0121 : DENSITY FUNCTIONAL THEORY STUDY ON THE STRUCTURAL AND VIBRATIONAL PROPERTIES OF 1 5 DIAMINOPENTANE AYSUN GOZUTOK, AKIF OZBAY
	0118 : INVESTIGATION OF TOXIC METAL ADSORPTION PROPERTIES SILICA GEL SUPPORTED CALIX 4 ARENE DINITRO DERIVATIVE FARABI TEMEL
	0185 : INVESTIGATION ON DIELECTRIC PERMITTIVITY OF PZT MANUFACTURED BY ELECTRIC FIELD ASSISTED SINTERING ILYAS SAVKLIYILDIZ, CIGDEM OKUR
	0152 : PRODUCTION OF B4C REINFORCED ALUMINUM MATRIX COMPOSITE BY SQUEEZE CASTING METHOD AND DETERMINATION OF WEAR RESISTANCE AHMET KABIL, CAGLAR YUKSEL, SERDAR OSMAN YILMAZ, MUSTAFA CIGDEM
	0221 : SHEAR STRENGTH PERFORMANCE EVALUATION OF AL CFRP ADHESIVE BONDED JOINTS WITH VARIOUS SILANE TREATMENTS AT ALUMINUM SURFACES MUSTAFA OZGUR BORA, ONUR COBAN, TOGAYHAN KUTLUK, ERHAN AKMAN, BELGIN GENC OZTOPRAK
	0176 : MACHINABILITY CHARACTERISTICS OF MECHANICALLY ALLOYED BRONZE MATRIX COMPOSITES DURING TURNING EMIN SALUR, ABDULLAH ASLAN
	0193 : EFFECT OF MILLING TIME ON MORPHOLOGY AND STRUCTURAL DEVELOPMENT OF CU CR COMPOSITE POWDERS HALIT SUBUTAY, CIHAD NAZIK, EMIN SALUR

Session I : 26.10.2019 - Saturday (10:00 – 11:45)

210	CHAIR : RIDVAN SARACOGLU
	0151 : DETECTING THYROID CANCER BY USING CONVOLUTION NEURAL NETWORK AYMEN SALMAN DAWOOD EZZAT
	0169 : CHEST X RAY IMAGE DENOISING BASED ON CONVOLUTIONAL DENOISING AUTOENCODER MOHAMMED IBRAHIM, SAIT ALI UYMAZ
	0200 : SEMI AUTOMATIC CARDIAC VECTOR AND ANGLE CALCULATOR DEVELOPMENT ATAKAN ISIK, MEHEMT FEYZI AKSAHIN
	0214 : BRAIN ATLAS REGISTRATION WITH OPTIMIZATION ALGORITHMS BURAK YILMAZ, GUZIN OZMEN
	0211 : A REVIEW OF WEB USER BEHAVIOR STUDIES RIDVAN SARACOGLU, MOHAMMED MAHMOOD QADER
	0204 : ANALYSING RESTING STATE FUNCTIONAL MR USING DYNAMIC CAUSAL MODELING IN SCHIZOPHRENIA GUZIN OZMEN, BURAK YILMAZ
	0218 : WEIGHTED 3D DWT BASED DENOISING ON BRAIN MRI APPLICATIONS WITH SIMULATED AND REAL MS MRI GUZIN OZMEN, BURAK YILMAZ
	0213 : REVERSIBLE DISULFIDE FUNCTIONALIZATION OF PEGYLATED CHITOSAN BASED HYDROGELS SCAFFOLDS FOR SELECTIVE THIOL IMMOBILIZATION AND RELEASE MEHMET ARSLAN

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Session I : 26.10.2019 - Saturday (10:00 – 11:45)

211	CHAIR : ARTAN LUMA
	0106 : INFORMATION EXPLOITATION AND DIGITAL PIRACY ARTAN LUMA, BLERTON ABAZI, MUHAMET GERVALLA, AZIR ALIU, HALIL SNOPECE
	0107 : INFORMATION SECURITY AND PRIVACY ON INTERNET OF THINGS BLERTON ABAZI, ARTAN LUMA, MUHAMET GERVALLA, HALIL SNOPECE, AZIR ALIU
	0136 : KNOWLEDGE BASED ADAPTIVE EXPERT SYSTEM FRAMEWORK FOR TRACKING WATER POLO PLAYERS BASED ON COMMONKADS METHODOLOGY VLADIMIR PLESTINA, HRVOJE TURIC
	0144 : CONVOLUTIONAL NEURAL NETWORK BASELINE MODEL BUILDING FOR PERSON RE IDENTIFICATION SALEH HUSSIN, KHALED ELASHEK, REMZI YILDIRIM
	0148 : OBSERVATIONS ON THE EVALUATION OF DORSAL HAND VEIN DHV RECOGNITION AND IDENTIFICATION KHA LED ALASHIK, SALEH HUSSIN, REMZI YILDIRIM
	0170 : IMPLEMENTATION OF MOTH FLAME OPTIMIZATION ALGORITHM FOR THE PREDICTION OF TURKEY S ENERGY DEMAND AHMET OZKIS, TAHIR SAG
	0188 : HOURLY DAILY AND MONTHLY ANALYSIS OF BIG DATASET OF BITCOIN BLOCKS AHMET SAKIR DOKUZ, ALPER ECEMIS, METE CELIK

Session I : 26.10.2019 - Saturday (10:00 – 11:45)

212	CHAIR : MEHMET EMIN MERAL
	0120 : AN EFFECTIVE SOLUTION OF ERAB PROBLEMS IN LTE ABDULLAH GENC
	0137 : SOLUTION OF PROBLEMS ON BAD SIGNAL QUALITY VIA RF OPTIMIZATION IN CELLULAR NETWORK IBRAHIM BASYIGIT
	0156 : USE OF PMSM IN ELECTRIC MOBILITY SCOOTER PROPULSION FATIH ALPASLAN KAZAN, RAMAZAN AKKAYA
	0164 : MOSFET ONLY CURRENT MODE BP LP FILTER EMRE ARSLAN, YUNUS UZUN, SAFAK MURAT KIZILIRMAK
	0165 : EFFECTS OF STATOR SLOT OPTIMIZATION ON EFFICIENCY AND TORQUE IN INDUCTION MOTOR YUNUS UZUN, EMRE ARSLAN
	0175 : LOW VOLTAGE GAIN BOOSTED TWO STAGE CMOS OPERATIONAL AMPLIFIER ERSIN ALAYBEYOGLU
	0174 : A CURRENT LIMITING CONTROL STRATEGY OF GRID CONNECTED INVERTER FOR OVERCURRENT PROTECTION MEHMET EMIN MERAL, DOGAN CELIK

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Session I : 26.10.2019 - Saturday (10:00 – 11:45)

109	CHAIR : MEHMET AKIF SAHMAN
	0108 : THE CONTROLLING PARAMETERS EFFICIENCY TO QUALITY IN BISCUIT PRODUCT PROCESS BEKIR CIRAK, MEHMET ONUR OGULATA, SEZGIN ESER, ONUR SARIKAYA, ABDULLAH OZDAL
	0102 : COMPUTATIONAL INVESTIGATION OF TURBULENT FLOW IN SINGLE SIDED BACKWARD FACING STEPS TAHIR KARASU
	0153 : INVESTIGATION OF THE COMBINED TLC ORC AND THE COMBINED ORC ORC POWER SYSTEMS MEHMET OZCELIK, NAGIHAN BILIR SAG
	0192 : EVALUATION OF WIND SOLAR HYBRID RENEWABLE ENERGY SYSTEMS USING LOSS OF POWER SUPPLY PROBABILITY ALPER ECEMIS, HALIL DEMOLLI, MURAT GOKCEK, AHMET SAKIR DOKUZ
	0115 : FIXED AND VARIABLE ANGLE SOLAR ENERGY PLANT ANALYSIS OYA KILCI, MURAT KOKLU
	0177 : COOLING TOWERS DESIGNS AND APPLICATIONS IRFAN UCKAN
	0237 : HYDROGEOCHEMICAL PROPERTIES AND POLLUTABILITY OF NATURAL WATER RESOURCES IN WEST OF KONYA GULER GOCMEZ, SARAH FAKHRULDDIN AHMED
	0197 : A SHADOW MASK IMPLEMENTATION FOR MEMS SENSORS REQUIRING FORMATION OF A SENSING LAYER SERDAR TEZ, MEHMET KAYA

Session I : 26.10.2019 - Saturday (10:00 – 11:45)

111	CHAIR : ALICAN SENKAYA
	0123 : EVALUATION OF THE F2 PEAK PARAMETER HMF2 PREDICTION PERFORMANCE OF IRI 2016 MODEL SALIH ALCAY
	0171 : LANDSAT IMAGERY AND GIS BASED EVALUATION AND MONITORING DESERTIFICATION PROCESS SURROUNDING KIRKUK CITY IRAQ SUZAN ATA BAKR
	0184 : INVESTIGATION OF VELOCITY MEASUREMENTS ON SPILLWAY BY CFD MODELING OZNUR KOCAER, ALPASLAN YARAR
	0202 : EFFECT OF GLASS FIBER ADDITIVE ON SOIL STRENGTH PROPERTIES OF HIGH PLASTICITY CLAY SOILS SEHNAZ AYSU, MUSTAFA YILDIZ
	0212 : INVESTIGATION OF STRENGTH PROPERTIES OF DIFFERENT CEMENT TYPES ON SANDY SOIL ALICAN SENKAYA, MURAT OLGUN
	0217 : PERMEABILITY AND COMPACTION PROPERTIES OF RECYCLED CONCRETE AGGREGATES AS GRANULAR ROAD BASE AND SUB BASE MURAT OLGUN, EKREM BURAK TOKA
	0216 : PHYSICAL PROPERTIES OF RECYCLED CONCRETE AGGREGATES AS GRANULAR ROAD BASE AND SUB BASE MATERIAL EKREM BURAK TOKA, MURAT OLGUN

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Session II : 26.10.2019 - Saturday (13:15 - 15:00)

209	CHAIR : CETIN OZTURK
	0222 : EVALUATION OF DIFFERENT SURFACE TREATMENT METHODS APPLIED TO IMPROVE THE CHEMICAL ADHESION MECHANISM OF AL CFRP ADHESIVE BONDING BELGIN GENC OZTOPRAK, ONUR COBAN, ERHAN AKMAN, MUSTAFA OZGUR BORA, TOGAYHAN KUTLUK
	0223 : FPL ETCHING PARAMETER OPTIMIZATION FOR ADHESION PERFORMANCE OF AL CFRP ADHESIVE JOINTS ONUR COBAN, MUSTAFA OZGUR BORA, BELGIN GENC OZTOPRAK, ERHAN AKMAN, TOGAYHAN KUTLUK
	0224 : SURFACE PREPARATION OF THE AL 2024 ALLOY FOR ADHESIVE BONDING OF AL CFRP USING FIBER LASER TREATMENT ERHAN AKMAN, MUSTAFA OZGUR BORA, ONUR COBAN, BELGIN GENC OZTOPRAK
	0230 : INVESTIGATION OF THE USE OF FLY ASH ADDITIVE IN AERATED CONCRETE PRODUCTION AND ITS EFFECTS SULEYMAN AKPINAR, ATILLA EVCIN, CETIN OZTURK, IBRAHIM AKSEN
	0178 : THE EFFECT OF MECHANICAL ALLOYING PROCESS ON MICROSTRUCTURAL EVOLUTION AND MECHANICAL PROPERTIES OF BRONZE MATRIX COMPOSITES EMIN SALUR, ABDULLAH ASLAN
	0195 : INVESTIGATION OF THE EFFECT OF DIFFERENT MILLING TIMES ON THE CHARACTERIZATION OF MECHANICALLY ALLOYED CU Y2O3 COMPOSITES HALIT SUBUTAY, EMIN SALUR, CIHAD NAZIK
	0247 : A NOVEL PHOSPHOR MATERIAL FOR WHITE LIGHT EMITTING DIODES WLEDs EU2 DOPED Si2N2O ALPARSLAN ALI BALTA, ARIFE YURDAKUL, ORKUN TUNCKAN, SERVET TURAN, HILMI YURDAKUL

Session II : 26.10.2019 - Saturday (13:15 - 15:00)

210	CHAIR : ESMA ERYILMAZ
	0117 : STRUCTURAL CHARACTERIZATION CHARGE DENSITY AND DONOR ACCEPTOR INTERACTION ANALYSIS OF DIMETHYLIMIDAZOLIUM METHYLSULPHATE NIHAL KUS, SALIHA ILICAN
	0116 : THEORETICAL AND EXPERIMENTAL VIBRATIONAL SPECTRUM ANALYSIS OF IONIC LIQUID 1 ETHYL 3 METHYLIMIDAZOLIUM CHLORIDE NIHAL KUS, SALIHA ILICAN
	0125 : FEATURE SELECTION FROM ELECTROENCEPHALOGRAM SIGNALS BY MEANS OF USING PRINCIPAL COMPONENT ANALYSIS SEMA YILDIRIM, HASAN ERDINC KOCER
	0166 : FRACTURE TOUGHNESS AS A KEY ASPECT OF BONE FRACTURE RESISTANCE MUSTAFA UNAL
	0180 : BLOOD GLUCOSE CONTROL ALGORITHMS AND EXPLANATION OF INSULIN AND CARBOHYDRATE MECHANISMS FOR TYPE 1 DIABETES MELLITUS NIHAT CANKAYA, OMER AYDOGDU
	0220 : A MICRO SCALE BIOSENSOR FOR THE DETECTION OF BACILLUS STEAROTHERMOPHILUS SPORE GERMINATION MUSTAFA ILKER BEYAZ, AISSA SEKKOUTI
	0186 : BIOMEDICAL APPLICATIONS OF COLLAGEN GULSUM TIRAS, AHMET ERHARMAN, ESMA ERYILMAZ

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Session II : 26.10.2019 - Saturday (13:15 - 15:00)

211	CHAIR : SAKIR TASDEMIR
	0139 : REMOTE HOME CONTROL USING ARDUINO WITH ANDROID BASED APPLICATION EMRE AVUCLU, SAKIR TASDEMIR
	0147 : AGGREGATION OF MULTI STAKEHOLDER PREFERENCES ON FEATURE MODELS ALPER KILIC, AHMET ARSLAN
	0154 : DYNAMIC ANALYSIS OF MALWARE IN WINDOWS OPERATING SYSTEMS FROM PREVIOUSLY CAPTURED NETWORK PACKETS BELKIJA RESHITI, MENTOR HAMITI, BESNIK SELIMI, BUJAR RAUFI
	0196 : DATA CLUSTERING WITH BAT ALGORITHM USING BENCHMARK DATASETS MINA ARJAMAND FADHIL, GULAY TEZEL
	0248 : SHORT TERM ELECTRICAL LOAD FORECASTING USING ARTIFICIAL NEURAL NETWORK VILDAN EVREN, ILKER ALI OZKAN
	0254 : AN APPLICATION TO PROVIDE RADIO CONTROL WITH VOICE COMMANDS FOR VISUAL IMPAIRED INDIVIDUALS SAKIR TASDEMIR, EMRE AVUCLU, BURAK TEZCAN
	0225 : LOCATING THE SENSORS POSITIONS IN WSN BASED ON MUSIC ALGORITHM SAAD HRESHEE

Session II : 26.10.2019 - Saturday (13:15 - 15:00)

212	CHAIR : MEHMET CUNKAS
	0122 : IMPLEMENTATION OF RENEWABLE ENERGY INTEGRATED AUTOMATION TRAINING SET CIHAN SAHIN, MEVLUT KARACOR, HARUN OZBAY
	0157 : DESIGN AND COST OF SPEED TRAIN SYSTEM WHICH GET ENERGY FROM SOLAR MINE SERTSOZ
	0128 : DESIGNING A SYSTEM FOR NATURAL GAS STORAGE FACILITIES IN SALT CAVERNS ENIS MURAT ORHAN, ILYAS CANKAYA
	0238 : BIAxIAL FUZZY LOGIC BASED SOLAR TRACKING SYSTEM MEHMET CUNKAS, ADNAN MOHAMMED ANWER SHAKARJI
	0134 : IMU SENSOR SUPPORTED BLUETOOTH BASED FALL DETECTION SYSTEM FOR SAILORS BERK AGIN, MUZAFFER SEVIL YESILPINAR, TANER AKKAN, YAVUZ SENOL, SUKRAN KARA
	0219 : A FREE FORM LENS DESIGN FOR LONG RANGE LED ILLUMINATION AHMET BINGUL, ANDREW BEDDALL
	0173 : IOT BASED SYSTEM OF ENERGY COMPENSATION IN SMART POWER GRID ABDELKADER ZITOUNI, HAMID BENTARZI

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Session II : 26.10.2019 - Saturday (13:15 - 15:00)

109	CHAIR : SULEYMAN NESELI
	0155 : A GROUP DECISION MAKING APPROACH UNDER FUZZY ENVIRONMENT FOR MACHINE TOOL SELECTION BEYZANUR CAYIR ERVURAL
	0190 : SELECTION OF A THIRD PARTY REVERSE LOGISTICS PROVIDER BASED ON VIKOR TOLGA GEDIKLI, BEYZANUR CAYIR ERVURAL
	0194 : VIBRATION FATIGUE ANALYSES OF A CANTILEVER BEAM IN TRANSPORTATION BASED ON MILITARY STANDARD MEHMET SEFA GUMUS, MUHAMMED ARIF SEN, METE KALYONCU
	0228 : INVESTIGATION OF EXERGY PERFORMANCE OF FLUIDS USED IN ORC FOR WASTE HEAT RECOVERY FROM ALUMINUM PRODUCTION PLANTS ALI KAHRAMAN, REMZI SAHIN, SADIK ATA
	0251 : DESIGN AND CONSTRUCTION OF COMPACT CNC ROUTER GOKHAN YALCIN, SULEYMAN NESELI, HAKAN TERZIOGLU, ABDULLAH CEM AGACAYAK
	0252 : DESIGN OF SMALL SCALE FIRE EXTINGUISHING ROBOTS FOR EDUCATIONAL PURPOSES HAKAN TERZIOGLU, ABDULLAH CEM AGACAYAK, GOKHAN YALCIN, SULEYMAN NESELI
	0255 : EFFECT OF INOCULANT TYPE ON MICROSTRUCTURE OF A206 AL ALLOY SELMAN CETINTURK, NECMETTIN TARAKCIOGLU, MUSTAFA ACERER

Session II : 26.10.2019 - Saturday (13:15 - 15:00)

111	CHAIR : MEHMET KEMAL GOKAY
	0226 : STABILITY OF LAYERED CYLINDRICAL SHELLS WITH FGM INTERLAYER SUBJECTED TO COMBINED LOAD UNDER MIXED BOUNDARY CONDITIONS R P BAYRAMOV, A H SOFIYEV, F DIKMEN
	0236 : EXPERIMENT INVESTIGATION OF INTERNET USE OF OBJECTS IN FIRE DETECTION AND EXTINGUISHING SYSTEMS OMAR YAWEZ MUSTAFA MUSTAFA, MUSTAFA ALTIN
	0183 : ASSESSING THE SHEAR STRENGTH REDUCTION FACTOR IN GEOPOLYMER CONCRETE BEAMS MEHDI OZTURK, GURAY ARSLAN, SEMA ALACALI
	0205 : DECISION PARAMETERS SUPPLIED BY MINING ENGINEERING STUDENTS ARE THEY CREATIVE MEHMET KEMAL GOKAY
	0206 : BENEFITS OF MICRO SCALE DEFORMATION DETECTION MEHMET UZBAS, MEHMET KEMAL GOKAY
	0145 : INVESTIGATION OF THE STABILITY EFFECT OF TIME INTEGRATION METHODS IN FLUID STRUCTURE INTERACTION PROBLEMS ABDULLAH DEMIR, A ERSIN DINCER
	0242 : INVESTIGATION OF FLUID STRUCTURE INTERACTION WITH THE COUPLING OF SPH AND FEM A ERSIN DINCER, ABDULLAH DEMIR

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Session II (Poster Session) : 26.10.2019 - Saturday (14:00 - 16:00)

FLOOR 2	CHAIR : ILKER ALI OZKAN
	0149 : PT DOPED 8 0 CNT A DFT STUDY OF FURAN DETECTION NUMAN YUKSEL, AHMET KOSE, MEHMET FERDI FELLAH
	0167 : DETERMINATION OF SOME PARAMETERS FOR INFRARED FREE ELECTRON LASER SUAT OZKORUCUKLU, SERAP YIGIT GEZGIN
	0181 : PULSED LASER DEPOSITION SYSTEM FOR A TIN OXIDES THIN FILMS DEPOSITION AMINA HOUIMI, SERAP YIGIT GEZGIN, HAMDI SUKUR KILIC
	0241 : IMPROVING THE TRIBOLOGICAL RESISTANCE OF INCONEL 600 ALLOY BY ELECTRODEPOSITION HARUN MINDIVAN
	0161 : PRODUCTION OF CORK POLYMER COMPOSITES MEFAIL KOCAL AKTEPE, H AYLIN KARAHAN TOPRAKCI

Session III : 26.10.2019 - Saturday (15:30 - 17:00)

209	CHAIR : ABDULLAH ENGİN OZCELIK
	0215 : PARALLEL DISASSEMBLY LINES WITH SOME CONSIDERATIONS SEDA HEZER, YAKUP KARA
	0235 : SURVEY OF ENGINEERING STUDENTS COGNITIVE LEVEL OF INDUSTRY 4 0 HAKAN SAHMAN, ABDURRAHMAN KARABULUT, MEHMET AKIF SAHMAN, MURAT KOKLU, KEMAL TUTUNCU
	0168 : INVESTIGATION OF EXHAUST EMISSIONS FROM A DIESEL ENGINE FUELLED WITH BIODIESEL DIESEL BLENDS ABDULLAH ENGİN OZCELIK, HASAN AYDOĞAN, MUSTAFA ACAROĞLU
	0158 : INVESTIGATION ON EMISSION CHARACTERISTICS OF A COMMON RAIL DIESEL ENGINE FUELLED WITH JP8 DIESEL FUEL BLENDS HÜLYA URLU, HASAN AYDOĞAN
	0142 : TOOL CONDITION MONITORING WITH SENSOR FUSION IN TURNING AISI 5140 MUSTAFA KUNTOĞLU, ABDULLAH ASLAN, HACI SAGLAM
	0143 : A COMBINED FUZZY LOGIC AND OPTIMIZATION APPROACH FOR TOOL WEAR IN SURFACE MILLING MUSTAFA KUNTOĞLU, HACI SAGLAM
	0130 : INDOOR FIRE TRACKING SIMULATION USING ROBOTSIM MAHAMED FEZARI, A JALIL RACHEDI, ALI AL DAHOUD

Session III : 26.10.2019 - Saturday (15:30 - 17:00)

210	CHAIR : ADEM ALPASLAN ALTUN
	0162 : SEGMENTATION OF CAPILLAROSCOPIC IMAGES KEMAL TUTUNCU, MUSTAFA BUBER
	0207 : TIME SERIES ANALYSIS WITH DEEP LEARNING APPROACHES FOR REMAINING USEFUL LIFE PREDICTION CEREN NUR BAS, OZLEM DURMAZ INCEL
	0233 : A DIFFERENT APPROACH TO FEATURE SELECTION WITH APRIORI ALGORITHM HAVVA CETINER ALTIPARMAK, ONUR INAN
	0104 : CLOUD TECHNOLOGY IN HEALTHCARE ARCHITECTURE OF HEALTHCARE INFORMATION SYSTEMS ADEM ALPASLAN ALTUN, SONA CAGLAR, ANAR TAGHIYEV
	0105 : MODERN APPROACHES TO THE APPLICATION OF MACHINE LEARNING AND DATA MINING METHODS IN THE HEALTHCARE INDUSTRY ADEM ALPASLAN ALTUN, SONA CAGLAR, ANAR TAGHIYEV
	0201 : AN ENHANCED FIREFLY ALGORITHM WITH OPPOSITION BASED LEARNING TAHIR SAG, AHMET OZKIS, SELAHATTIN ALAN
	0210 : VOIP NETWORK SECURITY ISSUES VIA LAYERED ARCHITECTURE SEVKI GANI SANLIOZ, MUHAMMED ALI AYDIN

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Session III : 26.10.2019 - Saturday (15:30 - 17:00)

211	CHAIR : ERDINC KOCER
	0179 : IMAGE PROCESSING BASED FAULT DETECTION IN ELEVATOR CIRCUIT BOARDS HASAN ERDINC KOCER, TEVFIK AKCAN
	0208 : LYAPUNOV EXPONENTS AS A STATISTICAL TEST TOOL FATIH OZKAYNAK, YILMAZ AYDIN
	0209 : A NEW METHOD FOR PERFORMANCE IMPROVEMENT OF CHAOTIC S BOX STRUCTURES FATIH OZKAYNAK, YASAR SELIM BAHCECI
	0163 : SKIN DISEASE CLASSIFICATION USING CONVOLUTIONAL NEURAL NETWORKS ALI QUTUB, ISMAIL SARITAS
	0227 : COMPARISON THE PERFORMANCE OF CLASSIFICATION ALGORITHMS ON INTRUSION DETECTION SYSTEMS MOHAMMED HUSSEIN IBRAHIM, MEHMET HACIBEYOGLU
	0159 : IMPLEMENTATION AND PERFORMANCE OF SORTING ALGORITHMS IN TERMS OF TIME AND SPACE ON INTEL CORE I7 TM PROCESSOR BY USING C JAVA PYTHON AND PHP AS A PROGRAMMING LANGUAGE ELISSA MOLLAKUQE, MENTOR HAMITI, VESA MOLLAKUQE
	0160 : SECURITY FEATURES OF ACORN AND ASCON AS COMPETITION FOR AUTHENTICATED ENCRYPTION SECURITY APPLICABILITY AND ROBUSTNESS CAESAR ELISSA MOLLAKUQE, VESNA DIMITROVA

Session III : 26.10.2019 - Saturday (15:30 - 17:00)

212	CHAIR : KEMAL TUTUNCU
	0124 : MEASUREMENT OF DIELECTRIC CHARACTERISTICS OF FIG AND MULBERRY LEAVES BY WAVEGUIDE TRANSMISSION LINE TECHNIQUE HABIB DOGAN
	0141 : DESIGN MANUFACTURING AND CONTROL OF MINI SIZE ROTARY SWING COMPRESSOR KEMAL TUTUNCU, SELMAN TASAR
	0189 : AN EFFICIENT APPROACH TO SIMULATION OF SEPIC CONVERTER WITH MUTUAL INDUCTANCE SECKIN SOLA, ALI BEKIR YILDIZ, TARIK ERFIDAN
	0199 : SEE THE WIRELESS ALI YESIL, RADOSVETA SOKULLU
	0203 : USING AD7746 FOR HIGH PRECISION CAPACITANCE MEASUREMENT IN INDUSTRIAL APPLICATIONS NIHAT CANKAYA, MUCIZ OZCAN
	0129 : DESIGN AND ANALYSIS OF PI CONTROLLER BASED FOUR QUADRANT DC MOTOR DRIVE WITH BIPOLAR AND UNIPOLAR SWITCHING METHODS KEMAL TUTUNCU, RECAI OZCAN
	0229 : ONE STEP ELECTROSPINNING OF GRAPHENE OXIDE SILVER NANOPARTICLE FUNCTIONALIZED POLY E CAPROLACTONE BIOCOMPOSITE NANOFIBERS AS AN ADVANCED ANTIMICROBIAL APPLICATIONS FATMA SARIPEK, FATIH SEVGI

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Session III : 26.10.2019 - Saturday (15:30 - 17:00)

109	CHAIR : ABDULKADIR SADAY
	0253 : IMPLEMENTATION OF BABYLONIAN SQUARE ROOT COMPUTATION ALGORITHM WITH VHDL ABDULKADIR SADAY, ILKER ALI OZKAN
	0232 : EFFECT OF VEHICLE SPEED AND MASS ON VIBRATION DAMPING ABDURRAHMAN KARABULUT, HAKAN SAHMAN, UMIT CAN
	0234 : INVESTIGATION OF VIBRATION EFFECT OF VEHICLE ENGINE ON CHASSIS ABDURRAHMAN KARABULUT, HAKAN SAHMAN, ISA AKKUS
	0126 : EFFECTS OF SURFACE ROUGHNESS ON STRENGTH OF ADHESIVE JOINTS ABDULLAH ASLAN, EMIN SALUR, MUSTAFA KUNTOGLU
	0127 : TAGUCHI BASED OPTIMIZATION IN HIGH SPEED TURNING ABDULLAH ASLAN
	0243 : AN INVESTIGATION ON ROLL IN FORMATION IN HEMMING OPERATION SELIM GURGEN
	0244 : SPALL LINER COMPOSITES FOR ARMORED VEHICLES SELIM GURGEN

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