

ICENTE'18

INTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGIES

October 26-28, 2018

Konya/TURKEY



SELCUK UNIVERSITY
FACULTY OF TECHNOLOGY

PROGRAMME





INTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGIES

ICENTE'18

October 26-28, 2018, Konya, TURKEY

➤ VENUE

SELÇUK UNIVERSITY

Alaaddin Keykubat Campus

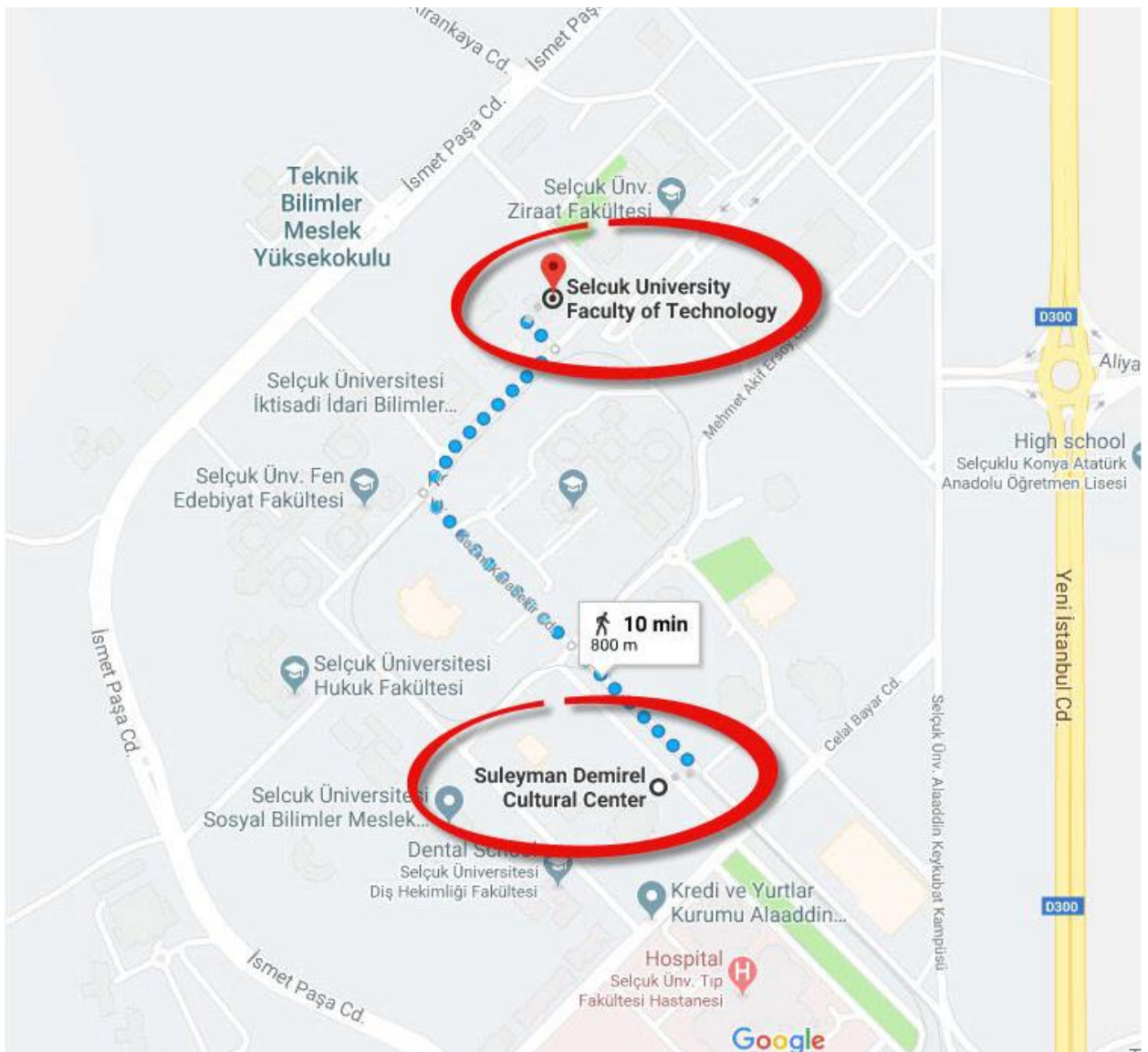
Selçuk University, Faculty of Technology,

Selçuklu, Konya / TURKEY

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



➤ Selçuk University, Faculty of Technology



October 26-28, 2018, Konya, Turkey

➤ **CONFERENCE OBJECTIVE**

International Conference on Engineering Technologies will be held on October 26-28, 2018, at Selcuk University in Konya, Turkey.

The ICENTE'18 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

➤ **CHAIR:**

Ismail Saritas, Selcuk University – TR

➤ **CO-CHAIRS:**

Necmettin Tarakcioglu, Selcuk University - TR

Alla Anohina Naumeca, Riga Technical University - LV

Silyan Sibinov Arsov, Rouse University - BG

Murat Ciniviz, Selcuk University - TR

Mehmet Cunkas, Selcuk University - TR

Fatih Basciftci, Selcuk University - TR

➤ **PUBLICATION CHAIRS**

Murat Koklu, Selcuk University - TR

Ilker Ali Ozkan, Selcuk University - TR

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 Ahmet Fenercioglu, Gaziosmanpasa University - TR
 Ahmet Yonetken, Afyon Kocatepe University - TR
 Ahmet Afsin Kulaksiz, Selcuk University - TR
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 Artan Luma, South East European University - MK
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 Bahattin Karakaya, Istanbul University - TR
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 Dimitris Dranidis, Sheffield University - GR
 Domenico Tegolo, Universita Degli Studi Di Palermo - IT
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 Erdinc Kocer, Selcuk University - TR
 Erol Turkes, Kirklareli University - TR
 Ertugrul Durak, Suleyman Demirel University - TR
 Gabriel Luna Sandoval, Sonora State University - MX
 Hakan Isik, Selcuk University - TR
 Hamit Saruhan, Duzce University - TR
 Hamza Bensouilah, Laboratoire de Mecanique et Structures - DZ
 Hasan Gokkaya, Karabuk University - TR
 Hayri Arabaci, Selcuk University - TR
 Heinz Dietrich Wuttke, Ilmenau University of Technology - DE
 Howard Duncan, Dublin City University - IE
 Hulusi Karaca, Selcuk University - TR
 Humar Kahramanli, Selcuk University - TR
 Huse Fatkic, University of Sarajevo - BA
 Ibrahim Uyanik, Selcuk University - TR
 Ihsan Korkut, Gazi University - TR
 Ilker Ali Ozkan, Selcuk University - TR
 Ivan Jelinek, Czech Technical University - CZ
 Jaharah A Ghani, National University of Malaysia - MY
 Jan Vom Brocke, University of Liechtenstein - LI
 Janis Grundspenkis, Riga Technical University - LV
 Janusz Jablonowski, Warsaw University - PL
 Jiri Srba, Aalborg University - DK
 Kadir Gok, Manisa Celal Bayar University - TR
 Karl Jones, Liverpool John Moores University - GB
 Laurentiu Cristian Deaconu, University of Pitesti - RO
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 Mehmet Akif Sahman, Selcuk University - TR
 Mehmet Cengiz Kayacan, Suleyman Demirel Univ. - TR
 Mehmet Turan Demirci, Selcuk University - TR
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 Mumtaz Mutluer, Necmettin Erbakan University - TR
 Murat Koklu, Selcuk University - TR
 Natasa Hoic Bozic, University of Rijeka - HR
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 Spiridon Cretu, Gheorghe Asachitechnical Univ. - RO
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 Stavros Nikolopoulos, University of Ioannina - GR
 Tahir Sag, Selcuk University - TR
 Tatjana Dulinskiene, Kaunas Univ. of Technology - LT
 Temel Kayikcioglu, Karadeniz Technical University - TR
 Thomas Engel, University of Luxembourg - LU
 Tugce Demirdelen, Adana Science Technology Univ.- TR
 Ulvi Seker, Gazi University - TR
 Virginio Cantoni, University of Pavia - IT
 Yuri Pavlov, Bulgarian Academy of Sciences - BG
 Zarifa Jabrayilova, Institute of Information Technology
 Anas - AZ

➤ ORGANIZING COMMITTEE

Alla Anohina Naumeca, Riga Technical University - LV
 Silyan Sibinov Arsov, Rouse University - BG
 Angel Smrikarov, Rouse University - BG
 Lilia Georgieva, Heriot Watt University - GB
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 Necmettin Tarakcioglu, Selcuk University - TR
 Haci Saglam, Selcuk University - TR

Fatih Basciftci, Selcuk University - TR
 Mehmet Cunkas, Selcuk University - TR
 Ibrahim Uyanik, Selcuk University - TR
 Suleyman Neseli, Selcuk University - TR
 Polyxeni Arapi, Technical University of Greece - GR
 Murat Ciniviz, Selcuk University - TR
 Ayhan Erol, Afyon Kocatepe University - TR

➤ **REGISTRATION**

**October 26, 2018
13:30-15:30**

Selcuk University

**Suleyman Demirel Cultural Center
Registration Desk**

➤ **OPENING WELCOME**

**October 26, 2018
14:00-17:00**

**Selcuk University
Suleyman Demirel Cultural Center
Malazgirt Hall**



Chair

Prof. Dr. Ismail SARITAS

KEYNOTE SPEAKERS



Prof. Dr. Abdullah Uz TANSEL

Baruch College, City University of New York (CUNY), USA

Abdullah Uz Tansel received his BS in management, and his MS and PhD degrees in computer science from the Middle East Technical University, in Ankara Turkey. He has also received his MBA degree at the University of Southern California. After being a faculty member at the Middle East Technical University, Dr. Tansel joined Baruch College, the City University of New York (CUNY) where he is currently a professor of Information Systems and also a professor of computer science at The Graduate Center of CUNY. Professor Tansel's research focus is on temporal databases and he has made significant contributions in this field. He also headed the editorial board that published the first book on temporal databases 'Temporal Databases: Theory, Design, and Implementation' (1993). Dr. Tansel has a pending patent application on adding temporality to RDF. His research interests are Database Management Systems, Temporal Databases, Semantic Web, and Blockchain Databases. Dr. Tansel has published many articles in the conferences and journals of the ACM, IEEE and other organizations. He is also a member of the ACM and the IEEE Computer Society.

Presentation Title: Blockchain as a Database and Cryptocurrencies



Prof. Dr. Ahmet Fahri OZOK

Okan University, Turkey

Prof. Dr. A. F. Ozok graduated from Vefa Highschool as top of 1959 class and continued his education in Faculty of Mechanical Engineering, Istanbul Technical University and graduated in 1964. Former dean of the Faculty of Management, Istanbul Technical University, founder of Turkish Ergonomics Association, faculty member in Department of Industrial Engineering, Istanbul Technical University and currently Professor in Industrial Engineering Department, Okan University. Prof. Dr. A. F. Ozok got a scholarship from Darmstadt Technical University as a research assistant and done some doctoral studies. In 1969, Prof. A. F. Ozok started to work in Istanbul Technical University as a research assistant. Then Prof. Dr. A. F. Ozok worked as guest lecturer in several universities such as Perugia University in Italia, Paris XVI. Louis University and Stanford University in USA. He is also a graduate from Theoretical Mathematics, Faculty of Science, Istanbul Technical University and one of his most important talents is his teaching talent in foreign languages. He is capable in English (Government Certificate of Foreign Language), French (Alliance Française), German (Government Certificate of Foreign Language), Italian (Italian Culture Institute Certificate) and Spanish.

Presentation Title: Quantification of Man-Machine Systems in Engineering

**Assoc. Prof. Dr. Ayhan EROL**

Afyon Kocatepe University, Turkey

Assoc. Prof. Dr. Ayhan Erol worked as a teacher at Ministry of Education between 1991-93. He started his academic career at Faculty of Technical Education, Afyon Kocatepe University in 1993. As of 2013 he is working as a Assoc. Prof. Dr. at Faculty of Technology, Afyon Kocatepe University.

Assoc. Prof. Dr. Ayhan Erol started his undergraduate education at Faculty of Technical Education, Gazi University in 1985. He started to work on his PHD in 1994 at University of Bradford under the supervision of Prof Dr. Ian J. McColm and finished it in 1999. He supervised 11 masters and PHD thesis and was in part of 15 academic projects. Over the years he fulfilled many administrative tasks at Afyon Kocatepe University and continues to do so.

Presentation Title: Microwave Sintering of Electroless Ni Plated SiC Powders



Suleyman Demirel Cultural Center

SULEYMAN DEMIREL CULTURAL CENTER

Address: Selcuk University Alaeddin Keykubat Campus

Suleyman Demirel Cultural Center 42075 Selcuklu /

KONYA

Latitude, Longitude: 38.022921, 32.510506



Faculty of Technology

FACULTY OF TECHNOLOGY

Address: Selcuk University Alaeddin Keykubat Campus

Faculty of Technology 42075 Selcuklu / KONYA

Tel: +90 332 241 11 02

Latitude, Longitude: 38.028589, 32.509392

Program Overview

26.10.2018 Friday

| | | |
|-------------|--------------------|---|
| 13:30-15:30 | Registration | Registration Desk (Suleyman Demirel Cultural Center) |
| 14:00-14:25 | Opening Ceremony | Malazgirt Hall (Suleyman Demirel Cultural Center) |
| 14:25-15:10 | Plenary Session-I | Malazgirt Hall Prof. Dr. Abdullah Uz TANSEL |
| 15:10-15:30 | Coffee Break | |
| 15:30-17:00 | Plenary Session-II | Malazgirt Hall Prof. Dr. Ahmet Fahri OZOK Assoc. Prof. Dr. Ayhan EROL |

27.10.2018 Saturday

| | | |
|-------------|----------------|---|
| 09:00-10:30 | Session I | Faculty of Technology (108, 109, 110, 111, 209, 210, 211, 212) |
| 10:30-10:50 | Coffee Break | |
| 10:50-12:20 | Session II | Faculty of Technology (109, 111, 209, 210, 211, 212) |
| 12:20-13:30 | Free Time | |
| 13:30-15:00 | Session III | Faculty of Technology (109, 111, 209, 210, 211, 212) |
| 15:00-15:20 | Coffee Break | |
| 15:20-16:50 | Session IV | Faculty of Technology (109, 111, 209, 210, 211, 212) |
| 13:30-16:00 | Poster Session | Faculty of Technology (Floor 2) |

28.10.2018 Sunday

Free Time and Departure

PROGRAMME

INTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGIES ICENTE'18

Konya, TURKEY

SULEYMAN DEMIREL CULTURAL CENTER

PLENARY SESSION

| Plenary Session-I : 26.10.2018 - Friday (14:25 - 15:10) | |
|---|---|
| Malazgirt Hall | CHAIR : MUSTAFA ACARER |
| | 0293 : BLOCKCHAIN AS A DATABASE AND CRYPTOCURRENCIES ABDULLAH UZ TANSEL |
| Plenary Session-II : 26.10.2018 - Friday (15:30 - 17:00) | |
| Malazgirt Hall | CHAIR : MUSTAFA ACARER |
| | 0294 : QUANTIFICATION OF MAN MACHINE SYSTEMS IN ENGINEERING AHMET FAHRI OZOK |
| | 0295 : MICROWAVE SINTERING OF ELECTROLESS NI PLATED SIC POWDERS AYHAN EROL |

SELCUK UNIVERSITY FACULTY OF TECHNOLOGY

| Session I : 27.10.2018 - Saturday (09:00 - 10:30) | |
|---|---|
| 209 | CHAIR : MEHMET TURAN DEMIRCI |
| | 0140 : THE QUALITY STEEL IN TURKEY PAST TODAY AND TOMORROW CELAL ERKAL KAHRAMAN, HASAN GURCAN TATLICAN, HAKAN ERCAY, TUNCAY DIKICI |
| | 0167 : MECHANOCHEMICAL SYNTHESIS OF TUNGSTEN SILICIDES STARTING FROM DIFFERENT POWDER BLENDS DIDEM OVALI, DUYGU AGAOGULLARI, M LUTFI OVECOGLU |
| | 0199 : COMPRESSIVE BEHAVIOR OF GLASS CARBON EPOXY 55 FILAMENT WOUND HYBRID PIPES CONFINED COMPOSITE CONCRETE WITH EXPANSIVE CEMENT LOKMAN GEMI, MEHMET ALPASLAN KORUGLU, MERVE CALISKAN |
| | 0239 : THEORETICAL CALCULATIONS ON STRUCTURAL PROPERTIES OF 1 4 DIAMINOBUTANE AYSUN GOZUTOK, AKIF OZBAY |
| | 0255 : EFFECT OF PROCESS CONTROL AGENT ON THE CHARACTERISTICS OF 316L POWDERS PREPARED BY MECHANICAL ALLOYING ROUTE CIHAD NAZIK, NECMETTIN TARAKCIOGLU |
| | 0263 : EFFECTS OF COMPOSITION ON ELASTIC PROPERTIES OF METAL MATRIX COMPOSITE MATERIALS ABDULLAH ASLAN, EMIN SALUR, AYDIN GUNES, OMER SINAN SAHIN |
| Session I : 27.10.2018 - Saturday (09:00 - 10:30) | |
| 210 | CHAIR : MUMTAZ MUTLUER |
| | 0148 : OPEN SOURCE CODED REMOTE MONITORING OF RENEWABLE ENERGY SYSTEMS ERDAL KAPLAN, AHMET YONETKEN |
| | 0162 : AN INVESTIGATION OF THE PV MAXIMUM POWER POINT TRACKING MPPT SYSTEMS MUMTAZ MUTLUER, KUBRA ORKUN |
| | 0222 : WIND FARM POTENTIAL SITES IDENTIFICATION AND PRIORITIZATION FOR SUSTAINABLE ENERGY DIVERSIFICATION IN ZAMBIA GIS ANALYTIC BASED APPROACH I MABVUTO MWANZA, KORAY ULGEN |
| | 0223 : WIND PV HYBRID SYSTEM POTENTIAL SITES AND ELECTRICITY GENERATION POTENTIAL ANALYSIS IN WESTERN PROVINCE OF ZAMBIA GIS BASED ANALYTIC APPROACH II MABVUTO MWANZA, KORAY ULGEN, MANUEL F ARIZA TABA, ALAIN C BIBOUM, KAKOMA MWANSA |
| | 0265 : APPLICATION OF VARIOUS BANDWIDTH ENHANCEMENT METHODS ON SELJUK STAR MICROSTRIP ANTENNA DILEK UZER, SEYFETTIN SINAN GULTEKIN, RABIA TOP, MEHMET YERLIKAYA, OZGUR DUNDAR |
| 0290 : DESIGN AND ANALYSIS OF GRID TIED PHOTOVOLTAIC PV SYSTEMS UNDER UNCERTAIN WEATHER CONDITIONS UMAIR YOUNAS, BAYRAM AKDEMIR, AHMET AFSIN KULAKSIZ | |

| Session I : 27.10.2018 - Saturday (09:00 - 10:30) | |
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| 211 | CHAIR : TAHIR SAG |
| | 0184 : COMPARATIVE STUDY ON AUTOMATIC SPEECH RECOGNITION ARZO MAHMOOD, ERSIN KAYA |
| | 0193 : THE EFFECT OF BALANCING PROCESS ON CLASSIFYING UNBALANCING DATA SET SAMARA JWAIR, ERSIN KAYA |
| | 0276 : MODIFIED GREY WOLF OPTIMIZATION THROUGH OPPOSITION BASED LEARNING TAHIR SAG |
| | 0157 : ECG ARRHYTHMIAS CLASSIFICATION USING SVM CLASSIFIER MUSTAFA ALGBURI, ERSIN KAYA |
| | 0224 : MODEL DEVELOPMENT FOR ESTIMATION OF TRAFFIC ACCIDENTS WITH METAHEURISTIC ALGORITHMS AHMET OZKIS, TAHIR SAG |
| | 0278 : STATISTICAL FEATURE EXTRACTION AND ANN BASED CLASSIFICATION OF TEMPORAMANDIBULAR JOINT SOUNDS UGUR TASKIRAN, SALIMKAN FATMA TASKIRAN, MEHMET CUNKAS |

| Session I : 27.10.2018 - Saturday (09:00 - 10:30) | |
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| 212 | CHAIR : SERAFETTIN EKINCI |
| | 0114 : USABILITY OF FUZZY LOGIC CONTROL FOR PERFORMANCE OF DUAL AXIS SOLAR TRACKING SYSTEM BEKIR CIRAK, FATIH IRIM, SAMI SAFA ALKAN |
| | 0207 : THE RELATIONSHIP BETWEEN TIRE MECHANICS AND ENERGY EYUB CANLI, SERAFETTIN EKINCI |
| | 0277 : UTILIZATION OF IONIC LIQUIDS AS EFFECTIVE AGENTS TO PRODUCE FUELS AND CHEMICALS FROM BIOMASS ISIK SEMERCI, FATMA GULER |
| | 0110 : ENERGY PROFILE OF KARAMAN BEKIR CIRAK, MEHMET ONUR OGULATA, SEZGIN ESER, YASIN UNUVAR |
| | 0285 : ELECTRICAL ENERGY HARVESTING WITH PIEZOELECTRIC SEDAT YAYLA, MEHMET ORUC |
| | 0292 : LIGHTING SYSTEMS BY USING ARDUINO AYKUT BILICI, ISMAIL SARITAS, ALI YASAR |

| Session I : 27.10.2018 - Saturday (09:00 - 10:30) | |
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| 108 | CHAIR : ALI YASAR |
| | 0144 : E TRANSACTIONS SECURITY ANALYSIS TAHAR MEKHAZANIA |
| | 0145 : PMUS PLACEMENT OPTIMIZATION FOR FAULT OBSERVATION IN POWER SYSTEM BENTARZI HAMID, ZITOUNI ABDELKADER |
| | 0146 : SPIRAL SEARCH OPTIMIZATION ALGORITHM APPLIED TO IIR DIGITAL FILTER DESIGN OUADI ABDERRAHMANE, BENTARZI HAMID |
| | 0147 : AUTOMATIC LEARNING OF SEMANTIC RELATIONSHIPS FOR THE ONTOLOGY CONSTRUCTION APPLICATION ON ARABIC TEXT BENABDALLAH ALI |
| | 0123 : HARMONIC FILTERING IN A POWER GRID WITH POWER GENERATION GLAOUI HACHEMI GLAOUI |
| | 0103 : EFFECT OF FLUX SALTS ON THE RECOVERY EXTENT AND QUALITY OF LEAD CALCIUM ALLOY FROM SPENT RECHARGEABLE LEAD BATTERIES MAHMOUD RABAH |

| Session I : 27.10.2018 - Saturday (09:00 - 10:30) | |
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| 109 | CHAIR : MURAT KOKLU |
| | 0216 : A NEW APPROACH FOR COST REDUCTION IN STEEL STRUCTURES TOPOLOGICAL OPTIMIZATION HAKAN SAHMAN, ABDURRAHMAN KARABULUT, MEHMET AKIF SAHMAN |
| | 0189 : INSULATION OF THE FORCE CONDUCTED VIBRATION TO THE FLOOR IN WORKBENCH ABDURRAHMAN KARABULUT, AHMET KOKEN, ENES KARABULUT, HAKAN SAHMAN |
| | 0235 : COMPARISON OF VARIOUS MACHINE LEARNING METHODS ON WART TREATMENT PERFORMANCE OF CRYOTHERAPY KADIR SABANCI, MURAT KOKLU, MUHAMMED FAHRI UNLERSEN |
| | 0281 : RECOGNITION OF SIGN LANGUAGE USING CONVOLUTIONAL NEURAL NETWORKS MUCAHID MUSTAFA SARITAS, ILKER ALI OZKAN |
| | 0291 : FUZZY LOGIC BASED CONTROLLER DESIGN FOR CONTROL OF VENTILATION SYSTEMS ILKAY CINAR, ILKER ALI OZKAN, MURAT KOKLU |
| | 0297 : MODERNIZATION AND PRODUCTIVITY ANALYSIS OF A CLASSICAL PRODUCTION LINE WITH INDUSTRY 4 0 HAKAN SAHMAN, ABDURRAHMAN KARABULUT, MEHMET AKIF SAHMAN, ABDULLAH OKTAY DUNDAR, HASAN ERDINC KOCER |

| Session I : 27.10.2018 - Saturday (09:00 - 10:30) | |
|--|---|
| 110 | CHAIR : MEHMET AKIF SAHMAN |
| | 0176 : RISK ANALYSIS AND MANAGEMENT IN CONSTRUCTION PROJECTS AYMAN H AL MOMANI |
| | 0171 : REGISTRATION AND AUTHENTICATION CRYPTOSYSTEM USING THE PENTOR AND ULTRAPENTOR OPERATORS ARTAN LUMA, BESNIK SELIMI, BLERTON ABAZI |
| | 0172 : COMPARISON OF MATURITY MODEL FRAMEWORKS IN INFORMATION SECURITY AND THEIR IMPLEMENTATION ARTAN LUMA, BESNIK SELIMI, BLERTON ABAZI, MENTOR HAMITI |
| | 0112 : STUDY OF THE EFFECT OF FE DOPING ON THE TENSILE STRENGTH OF SINGLE WALLED ZIRCONIA NANOTUBES USING FINITE ELEMENT ANALYSIS IBRAHIM DAUDA MUHAMMAD, MOKHTAR AWANG |
| | 0119 : INDUCTION MOTOR VARIABLE FREQUENCY DERIVE AKRAM RASHID CHOWHURY, NABEEL BANGASH |

| Session I : 27.10.2018 - Saturday (09:00 - 10:30) | |
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| 111 | CHAIR : ILKER ALI OZKAN |
| | 0230 : TACKLING CLIMATE CHANGE GLOBAL EFFORTS AND ENERGY PREFERENCES HAYRIYE SAGIR, AKIN AKYIL |
| | 0138 : ENERGY CONSUMPTION OPTIMIZATION FOR HEAT PUMP DOMESTIC HEATER EMRE SAGLICAN, OZDEN AGRA |
| | 0260 : GERMAN CREDIT RISKS CLASSIFICATION USING SUPPORT VECTOR MACHINES BURAK TEZCAN, SAKIR TASDEMIR |
| | 0136 : A NEW MULTI OBJECTIVE ARTIFICIAL BEE COLONY ALGORITHM FOR MULTI OBJECTIVE OPTIMIZATION PROBLEMS ZULEYHA YILMAZ ACAR, FIKRI AYDEMIR, FATIH BASCIFTCI |
| | 0214 : CORRELATIONS BETWEEN COLOR FEATURES OF VITREOUS AND NON VITREOUS DURUM WHEAT KERNELS WITH LINEAR REGRESSION ESRA KAYA, ISMAIL SARITAS |
| | 0259 : EPILEPTIC SEIZURE CLASSIFICATION USING SUPPORT VECTOR MACHINES BURAK TEZCAN, ILKER ALI OZKAN, SAKIR TASDEMIR |
| | 0288 : A FUZZY CONTROL SYSTEM DESIGN ACCORDING TO THE DEVELOPMENT PERIODS OF THE CULTIVATED MUSHROOMS VILDAN EVREN, ABDULKADIR SADAY, ILKER ALI OZKAN |

Session II : 27.10.2018 - Saturday (10:50 - 12:20)

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| 209 | CHAIR : MEHMET TURAN DEMIRCI |
| | 0195 : ESTIMATION OF DRINKING WATER PROPERTIES FILTERED WITH GRAPHENE OXIDE MATLAB BASED FUZZY LOGIC MODELING OZGE BILDI CERAN, INCI SEVGILI, HALUK KORUCU, BARIS SIMSEK, OSMAN NURI SARA |
| | 0200 : EXPERIMENTAL INVESTIGATION OF BEHAVIOR OF HYBRID GFRP BOX BEAM SECTIONS MEHMET ALPASLAN KOROGLU, LOKMAN GEMI, MEHMET YARIMOGLU |
| | 0240 : THEORETICAL STUDIES OF N N TETRACHLORO 1 4 DIAMINO BUTANE AND N N TETRABROMO 1 4 DIAMINO BUTANE AYSUN GOZUTOK, AKIF OZBAY |
| | 0256 : EFFECT OF MILLING TIME ON PROPERTIES OF AA7075 POWDERS ENHANCED BY MECHANICAL ALLOYING METHOD EMRE CAN ARSLAN, CIHAD NAZIK, NECMETTIN TARAKCIOGLU, EMIN SALUR |
| | 0264 : INVESTIGATION OF THE EFFECTS OF DIFFERENT PRODUCTION PARAMETERS AND COMPOSITIONS ON MACHINABILITY PROPERTIES OF MMCS RECYCLED BY HOT PRESS DURING DRILLING EMIN SALUR, ABDULLAH ASLAN, AYDIN GUNES, OMER SINAN SAHIN |
| | 0272 : INVESTIGATION OF MECHANICAL PERFORMANCES OF SIO2 NANOPARTICLE FILLED GFR EPOXY COMPOSITES MEHMET TURAN DEMIRCI |

Session II : 27.10.2018 - Saturday (10:50 - 12:20)

| | |
|------------|---|
| 210 | CHAIR : HASAN AYDOGAN |
| | 0159 : HOSPITAL FACILITY LAYOUT PLANNING AN APPLICATION WITH CLASSICAL METHODS GOKCE KILICKAYA |
| | 0160 : MEASUREMENT OF WALL THICKNESS OF EXTRUDED PVC PROFILES USING IMAGE PROCESSING METHODS MURAT AKDOGAN, SULEYMAN YALDIZ |
| | 0169 : EMISSION CHARACTERISTICS OF BIODIESEL BLENDS IN COMMON RAIL DIESEL ENGINE HASAN AYDOGAN, A ENGIN OZCELIK, MUSTAFA ACAROGLU |
| | 0127 : DESIGN AND DYNAMIC MODELLING OF AN ANKLE FOOT PROSTHESIS FOR TRANSFEMORAL AMPUTEES SELIN AYDIN FANDAKLI, HALIL IBRAHIM OKUMUS |
| | 0141 : INVESTIGATION OF THE EFFECTS OF WALNUT BIODIESEL ON A DIESEL ENGINE EXHAUST EMISSIONS A ENGIN OZCELIK, HASAN AYDOGAN, MUSTAFA ACAROGLU |
| | 0186 : TOOL WEAR BASED SURFACE ROUGHNESS PREDICTION VIA NEURAL NETWORK IN FACE MILLING HACI SAGLAM, MUSTAFA KUNTOGLU |

Session II : 27.10.2018 - Saturday (10:50 - 12:20)

| | |
|------------|--|
| 211 | CHAIR : GUL NIHAL GUGUL |
| | 0152 : ACTIVATION FUNCTIONS IN SINGLE HIDDEN LAYER FEED FORWARD NEURAL NETWORKS ENDER SEVINC |
| | 0177 : THE EFFECT OF MAXIMUM AGGREGATE GRAIN DIAMETER ON THE MIX DESIGN AND COMPRESSIVE STRENGTH OF CONCRETE AND ARTIFICIAL NEURAL NETWORKS ANN APPLICATION MEHMET PARLAR, ULKU SULTAN KESKIN, GULAY TEZEL |
| | 0286 : FEASIBILITY STUDY OF A PASSIVE HOUSE ANKARA CASE GUL NIHAL GUGUL |
| | 0296 : PYRAMID SHAPED NET ZERO ENERGY DORMITORY BUILDING DESIGN MUSTAFA ALTIN, GUL NIHAL GUGUL |
| | 0298 : INVESTIGATION OF DIFFERENT REINFORCED CONCRETE FLOORING AND DIFFERENT BUILDING FOUNDATION SYSTEM SOLUTIONS IN TERMS OF BUILDING COST MUSTAFA ALTIN |
| | 0130 : SMARTPHONE BASED ACTIVITY RECOGNITION USING K NEAREST NEIGHBOR ALGORITHM ALMONTAZER MANDONG, USAMA MUNIR |
| | 0153 : TEMPORAL EXTENSIONS TO RDF DI WU, ABDULLAH UZ TANSEL |

Session II : 27.10.2018 - Saturday (10:50 - 12:20)

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| 212 | CHAIR : ILKER ORS |
| | 0111 : APPLICATIONS OF 3D PRINTING TECHNOLOGY IN DENTISTRY BEKIR CIRAK, MEHMET ONUR OGULATA, SEZGIN ESER, YASIN UNUVAR |
| | 0105 : NUMERICAL INVESTIGATION AND MODELLING OF CONFINED TURBULENT RECIRCULATING FLOWS TAHIR KARASU |
| | 0113 : DYNAMIC ANALYSIS AND CONTROLLING OF A 2 DOF ROBOT MANIPULATOR USING FUZZY LOGIC TECHNIQUES BEKIR CIRAK, SAMI SAFA ALKAN, FATIH IRIM |
| | 0284 : NUMERICAL SIMULATION OF THE COALESCING OIL WATER SEPARATOR SEDAT YAYLA, MEHMET ORUC |
| | 0288 : A FUZZY CONTROL SYSTEM DESIGN ACCORDING TO THE DEVELOPMENT PERIODS OF THE CULTIVATED MUSHROOMS VILDAN EVREN, ABDULKADIR SADAY, ILKER ALI OZKAN |
| | 0243 : FEASIBILITY OF SOLAR WIND HYBRID ENERGY SYSTEM A CASE STUDY IN SOMALIA ZAKARIA IBRAHIM ALI, FARUK KOSE |

Session II : 27.10.2018 - Saturday (10:50 - 12:20)

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| 109 | CHAIR : MURAT KOKLU |
| | 0125 : A CLUSTERING PROBLEM WITH GAUSSIAN MIXTURE MODEL BASED ON EXPECTATION MAXIMIZATION EBRU PEKEL, ERDAL KILIC |
| | 0142 : PREDICTION OF SEPSIS DISEASE BY ARTIFICIAL NEURAL NETWORKS UMUT KAYA, ATINC YILMAZ, YALIM DIKMEN |
| | 0234 : EXAMINATION OF MACHINE LEARNING METHODS IN HAND POSTURE ESTIMATION MUHAMMED FAHRI UNLERSEN, MURAT KOKLU, KADIR SABANCI |
| | 0126 : AN APPLICATION OF HYBRID SUPPORT VECTOR MACHINE AND GENETIC ALGORITHM TO CLASSIFICATION MODEL ZEYNEP CEYLAN, EBRU PEKEL |
| | 0289 : MODELLING OF HARDNESS VALUES OF AISI 304 AUSTENITIC STAINLESS STEELS NECIP FAZIL YILMAZ, AYKUT BILICI, MUSA YILMAZ |
| | 0303 : COMPARISON OF DIFFERENT MACHINE LEARNING METHODS IN BREAST CANCER DIAGNOSIS M MUSTAFA SARITAS, MURAT KOKLU |

Session II : 27.10.2018 - Saturday (10:50 - 12:20)

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| 111 | CHAIR : MURAT CINIVIZ |
| | 0168 : EFFECT OF PH ON STRUCTURAL AND OPTICAL PROPERTIES OF ZNO NANOPOWDERS SYNTHESIZED VIA SPRAY DRYING SUBSEQUENT THERMAL DECOMPOSITION SEYMA DUMAN, BURAK OZKAL |
| | 0118 : INDUSTRY 4 0 INNOVATIVE DECISION SUPPORT TOOL FOR SUPPLY CHAIN PERFORMANCE MANAGEMENT MUHAMMET TURKER AHI, KURSAT YILDIZ, MEHMET AKIF YERLIKAYA |
| | 0228 : TECHNO ECONOMIC ANALYSIS OF A BIOMASS POWER PLANT TECHNOLOGIES IN VARIOUS LOCALITIES OF THE SUB SAHARAN REGION THE CASE OF THE NORTHERN PART OF CAMEROON ALAIN BIBOUM, AHMET YILANCI |
| | 0244 : TECHNO ECONOMIC ANALYSIS OF 5 MWE HYBRID POWER PLANT USING A COMBINED RANKINE CYCLE IN FARO BOUKI CAMEROON ALAIN BIBOUM, AHMET YILANCI |
| | 0271 : EFFECTS OF IMPLANT ABUTMENT DIAMETER AND CONNECTION TYPE ON THE FATIGUE PROPERTIES OF DENTAL IMPLANTS HALIM KOVACI |
| | 0208 : THE DESIGN OPTIMIZATION OF A GRIPPER MECHANISM USING THE BEES ALGORITHM OSMAN ACAR, METE KALYONCU, ALAA HASSAN |

| Session III : 27.10.2018 - Saturday (13:30 - 15:00) | |
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| 209 | CHAIR : OZLEM GOKDOGAN SAHIN |
| | 0220 : CHEMICAL RECYCLING OF POLYETHYLENE TEREPHTHALATE PET BOTTLE WASTES WITH ALCOHOLYSIS TRANSESTERIFICATION OF SHREDDED PET WITH 2 ETHYLHEXANOL TO PRODUCE DIOCTYL TEREPHTHALATE DOTP VEDAT ARDA KUCUK, BARIS SIMSEK, TAYFUN UYGUNOGLU, MEHMET MUHTAR KOCAKERIM |
| | 0229 : EFFECT OF VARIOUS ACIDS MODIFICATION ON WALNUT SHELL EPOXY COMPOSITES RUYA ISAM, SUHEYLA KOCAMAN, MUSTAFA ESEN MARTI, GULNARE AHMETLI |
| | 0246 : PTAU ALLOY NANOPARTICLES AS AN ELECTROCHEMICAL SENSOR FOR HYDROGEN PEROXIDE OZLEM GOKDOGAN SAHIN |
| | 0274 : REMOVAL OF PHOSPHORUS USING MG AL LAYERED DOUBLE HYDROXIDES HASAN KIVANC YESILTAS, TURAN YILMAZ |
| | 0245 : EVALUATING THE STABILITY AND HEAT TRANSFER PERFORMANCE OF CARBON BASED AQUEOUS NANOFUIDS TUGCE FIDAN ASLAN, MEHMET OZGUR SEYDIBEYOGLU, ALPASLAN TURGUT, ELIF ALYAMAC SEYDIBEYOGLU |

| Session III : 27.10.2018 - Saturday (13:30 - 15:00) | |
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| 210 | CHAIR : ESMA ERYILMAZ |
| | 0178 : COMPARISON OF PRK AND FS LASIK PROCEDURES IN TREATMENT OF MYOPIA AND MYOPIC ASTIGMATISM SERVET CETINKAYA |
| | 0185 : ELICITATION OF BIOMATERIALS FOR MIMICKING MICROPHYSIOLOGICAL SYTEMS ON A CHIP ECEM SAYGILI, OZLEM YESIL CELIKTAS |
| | 0248 : FABRICATION OF DIFFUSION AND INTERNAL GELATION BASED ALGINATE SILICA HYBRID HYDROGELS FOR ENZYME IMMOBILIZATION RABIA ONBAS, OZLEM YESIL CELIKTAS |
| | 0251 : OPTIMIZATION OF CONCENTRATION AND SAND THICKNESS FOR AGAR ASSISTED SAND HARDENING PROCESS BY MICROBIAL BIOCALCIFICATION ALPCAN ARIC, BURAK TALHA YILMAZSOY, IREM DENIZ CAN, TUGBA KESKIN GUNDOGDU |
| | 0183 : THEORETICAL NBO AND TD DFT ANALYSIS OF GLYOXYLDIUREIDE NIHAL KUS, SALIHA ILICAN |
| | 0211 : HYBRID ORBITAL LOCALIZATION OF E CROTONIC ACID USING NBO ANALYSIS SALIHA ILICAN, NIHAL KUS |

Session III : 27.10.2018 - Saturday (13:30 - 15:00)

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| 211 | CHAIR : RIDVAN SARACOGLU |
| | 0191 : ULTRA LOW COST WIRELESS SENSOR NETWORK NODE DESIGN FOR EDUCATIONAL USE AYHAN AKBAS |
| | 0204 : PERFORMANCE ESTIMATION OF SORTING ALGORITHMS UNDER DIFFERENT PLATFORMS AND ENVIRONMENTS MENTOR HAMITI, ELISSA MOLLAKUQE, SAMEDIN KRRABAJ, ARSIM SUSURI |
| | 0188 : PROJECT DEVELOPMENT WITH SERVICE ORIENTED ARCHITECTURE RIDVAN SARACOGLU, EMINE DOGAC |
| | 0197 : COMPARISON OF AGILE SOFTWARE DEVELOPMENT AND TRADITIONAL SOFTWARE DEVELOPMENT IN TURKEY CIHAN UNAL, FATIH BASCIFTCI, CEMIL SUNGUR |
| | 0253 : FUSION OF SMARTPHONE AND SMARTWATCH SENSORS FOR SMOKING RECOGNITION SUMEYYE AGAC, MUHAMMAD SHOAIB, OZLEM DURMAZ INCEL |
| | 0151 : OBJECT RECOGNITION SYSTEM BASED ON ORIENTED FAST AND ROTATED BRIEF ORB FEATURES AHMED MOHAMMED AHMED BAYATI, ERSIN KAYA |

Session III : 27.10.2018 - Saturday (13:30 - 15:00)

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| 212 | CHAIR : ALI KAHRAMAN |
| | 0218 : FATIGUE TESTER DESIGN AND FRAME ANALYSIS FOR ESTIMATION OF FATIGUE LIFE OF HELICAL COMPRESSION SPRINGS GOKHAN YALCIN, SULEYMAN NESELI, HAKAN TERZIOGLU, ABDULLAH CEM AGACAYAK |
| | 0217 : MATHEMATICAL MODELING OF THERMOELECTRIC GENERATOR BY REGRESSION ANALYSIS ABDULLAH CEM AGACAYAK, HAKAN TERZIOGLU, SULEYMAN NESELI, GOKHAN YALCIN |
| | 0267 : STRENGTH AND MODAL ANALYSIS OF 8 MEMBERED WALKING MECHANISM ALI FEYZULLAH, KORAY KAVLAK |
| | 0247 : THE IMPORTANCE OF THE DIVERSITY FACTOR MEHMET FAHRI YAPICIOGLU, HASAN HUSEYIN SAYAN, HAKAN TERZIOGLU |
| | 0232 : CLASSIFICATION OF EEG SIGNALS BY USING TRANSFER LEARNING ON CONVOLUTIONAL NEURAL NETWORKS VIA SPECTROGRAM AHMET ESAD TOP, HILAL KAYA |
| | 0210 : ANALYSIS OF EXERGY DESTRUCTION RATES IN THE COMPONENTS OF THE ORC SYSTEM USING N PENTANE FLUID ALI KAHRAMAN, REMZI SAHIN, SADIK ATA |

Session III : 27.10.2018 - Saturday (13:30 - 15:00)

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| 109 | CHAIR : AHMET ALI SERTKAYA |
| | 0131 : INVESTIGATION OF CONCRETE SLAB CRACK WHEN PLACED DIRECTLY ON CLAY AHMED ABDULLAH |
| | 0190 : CFD CASE STUDY ON A NOZZLE FLOW LITERATURE REVIEW THEORETICAL FRAMEWORK TOOLS AND EDUCATIONAL ASPECTS ALI H ABDULKAREEM, EYUB CANLI, ALI ATES |
| | 0213 : POTENTIAL EVALUATION OF SCALING AND SIMILARITY FOR TRACTOR TIRES EYUB CANLI, SERAFETTIN EKINCI |
| | 0266 : CRITICISM ON APPLIED TRAINING REVIEWS RENEWABLE ENERGY FIELD CASE EYUB CANLI, SELAHATTIN ALAN |
| | 0202 : STRENGTH AND COMPACTION CHARACTERISTICS OF RECYCLED CONCRETE AGGREGATES EKREM BURAK TOKA, MURAT OLGUN |
| | 0249 : EFFECT OF RED MUD AS A NANOFLUID ON COOLING PERFORMANCE AHMET ALI SERTKAYA, EYUB CANLI |

Session III : 27.10.2018 - Saturday (13:30 - 15:00)

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| 111 | CHAIR : MEHMET CUNKAS |
| | 0254 : PERFORMANCE EVALUATION OF P O IC AND FL ALGORITHMS USED IN MAXIMUM POWER POINT TRACKING SYSTEMS FUAD ALHAJ OMAR, GOKSEL GOKKUS, AHMET AFSIN KULAKSIZ |
| | 0300 : OVERVIEW OF POTENTIAL OF RENEWABLE ENERGY SOURCES IN ARTVIN PROVINCE MEHMET CUNKAS, ENES HALIT AYDIN |
| | 0301 : AN OVERVIEW ON FIRE DETECTION SYSTEMS MEHMET CUNKAS, VACIP DENIZ |
| | 0302 : A NOVEL PASSIVE FILTER TO ELIMINATE HARMONICS IN STAND ALONE DFIG WITH NON LINEAR LOADS CAGATAY KOCAK, MEHMET DAL, KAZIM TOPALOGLU, MUSTAFA YEGIN |
| | 0233 : GAS ROBOT IMPLEMENTATION AND CONTOL ALI MARDAN HAMEED QUTUB, ISMAIL SARITAS |

| Session III (Poster Session) : 27.10.2018 - Saturday (13:30 - 16:00) | |
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| FLOOR 2 | CHAIR : ILKER ALI OZKAN |
| | 0175 : SPARK PLASMA SINTERING OF MECHANOCHEMICALLY SYNTHESIZED NIOBIUM SILICIDE POWDERS DIDEM OVALI |
| | 0156 : FLAME RETARDANT FINISH FOR COTTON FABRIC USING BORON HYBRID SILICA SOL ESRA GELGEC, SULTAN ARAS, FATMA FILIZ YILDIRIM, PERINUR KOPTUR, SABAN YUMRU, MUSTAFA COREKCIOGLU |
| | 0181 : USE AND ADVANTAGES OF ONLINE PARTICLE SIZE DISTRIBUTION SENSOR IN INDUSTRIAL APPLICATIONS NIHAT CANKAYA, OMER AYDOGDU |
| | 0128 : AN APPLICATION IN THE AUTOMOTIVE SECTOR WITH THE PURPOSE OF INVESTIGATION AND PREVENTION OF EDGE CRACK PROBLEM AT 980 MPA AND ABOVE LEVEL STEEL MATERIALS EBRU BARUT, BAHADIR KUDAY, ORCUN YONTEM |
| | 0155 : EFFECT OF REACTION TEMPERATURE ON THE AMOUNT OF CARBON NANOTUBES BY CHEMICAL VAPOR DEPOSITION IN FLUIDIZED BED MEHMET GURSOY, DUYGU UYSAL ZIRAMAN, OZKAN MURAT DOGAN, BEKIR ZUHTU UYSAL |
| | 0225 : PREPARATION AND CHARACTERIZATION OF CHITOSAN BASED EDIBLE FOOD PACKAGING FILMS INCORPORATED WITH KUMQUAT PEEL EXTRACT FATMAGUL SAHIN, ILKNUR KUCUK |
| | 0238 : AN APPLICATION OF SLIP CASTING METHOD ON SOLID OXIDE FUEL CELLS RASIT SEZER, AHMET EKERIM |
| | 0262 : ELECTRICAL PROPERTIES OF METAL SEMICONDUCTOR STRUCTURE WITH INTERFACIAL LAYER HAYATI ALTAN, METIN OZER |
| | 0102 : EFFECT OF CEMENT SUBSTITUTION BY CKD ON THE MECHANICAL BEHAVIOR OF CEMENT PASTES BOUZEROURA MANSOUR |
| | 0283 : THE EFFECT OF 5083 H111 ALUMINUM PLATES USED IN THE MANUFACTURE OF PRESSURE TANKERS SUBJECT TO ADR LEGISLATION ON MECHANICAL PROPERTIES OF HEAT TREATMENT CUNEYT SENSOY, MURAT TASOAK |
| | 0282 : OSTENITIC STAINLESS STEEL USED THE STAINLESS TANK WELD MIG BY CERAMIC AND COPPER BACK PLATE METHODING THAT WELDED PARTS INVESTIGATION X RAY AND MACRO STRUCTURES MURAT TASOAK, CUNEYT SENSOY |

| Session IV : 27.10.2018 - Saturday (15:20 - 16:50) | |
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| 209 | CHAIR : SAKIR TASDEMIR |
| | 0166 : MAPPING LOCATION OF A SUSPECT BY USING FORENSIC IMAGES TAKEN WITH THEIR OWN MOBILE PHONE KERIM KURSAT CEVIK, FARUK SULEYMAN BERBER, ECIR UGUR KUCUKSILLE |
| | 0163 : TWO DIMENSIONAL MEASUREMENT SYSTEM FOR PVC PROFILES VIA IMAGE PROCESSING MURAT AKDOGAN, SULEYMAN YALDIZ |
| | 0242 : ARTIFICIAL NEURAL NETWORK AND AN APPLICATION IN BUSINESS FIELD ISMAIL AHMET KURUOZ, SAKIR TASDEMIR |
| | 0287 : COSTS AND CO BENEFITS OF PASSIVE HOUSES ANKARA RESIDENTIAL SECTOR GUL NIHAL GUGUL |
| | 0192 : PROVIDING CONTEXT AWARE SERVICES TO DEMENTIA PATIENTS AND CAREGIVERS OZGUN YILMAZ |
| | 0241 : MONITORING ANDROID USERS ACTIVITIES KEYLOGGER APP AHMET CALISKAN, SAKIR TASDEMIR |

| Session IV : 27.10.2018 - Saturday (15:20 - 16:50) | |
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| 210 | CHAIR : KIVILCIM YUKSEL |
| | 0206 : NUMERICAL MODELING OF A SINGLE FREQUENCY METAL DETECTOR MEHMET BURAK OZAKIN, SERKAN AKSOY |
| | 0182 : CLASSIFICATION OF SNORE SOUNDS BASED ON DEEP SPECTRUM FEATURES GULSEVIN KODALOGLU, FIKRET ARI, DOGAN DENIZ DEMIRGUNES |
| | 0257 : RAYLEIGH BASED OPTICAL REFLECTOMETRY TECHNIQUES FOR DISTRIBUTED SENSING APPLICATIONS KIVILCIM YUKSEL |
| | 0268 : DESIGN AND SIMULATION OF A NEW SINGLE PHASE MULTILEVEL INVERTER STRUCTURE ERSOY BESER, BIROL ARIFOGLU |
| | 0269 : SIMULATION OF MULTI LEVEL INVERTER FED PERMANENT MAGNET SYNCHRONOUS MOTOR PMSM ESRA KANDEMIR BESER, ERSOY BESER |
| | 0154 : LIFE PREDICTION OF ALUMINUM ELECTROLYTIC CAPACITORS USED IN TWO LEVEL INVERTERS VOLKAN SUEL, HALIL ALPER ONAY, MUHAMMET KENAN AKINCI, TAYFUN OZGEN |

Session IV : 27.10.2018 - Saturday (15:20 - 16:50)

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| 211 | CHAIR : MUMTAZ MUTLUER |
| | 0124 : A NEW APPROACH WITH FUZZY LOGIC BASE FOR PHOTOVOLTAIC PANEL SURFACE CLEANING MUMTAZ MUTLUER, ABDURRAHIM ERAT |
| | 0149 : REGENERATIVE BRAKING BEHAVIOR ANALYSIS OF A L7 CATEGORY VEHICLE IN DIFFERENT DRIVE CYCLES DILARA ALBAYRAK SERIN, ONUR SERIN |
| | 0198 : DRONES AND THEIR APPLICATION IN AMBIENT ASSISTED LIVING RADOSVETA SOKULLU, ABDULLAH BALCI, EREN DEMIR |
| | 0237 : IMPLEMENTING PEAK CURRENT MODE CONTROL OF INTERLEAVED SEPIC CONVERTER ONUR KIRCIOGLU, MURAT UNLU, SABRI CAMUR |
| | 0250 : CONTROL OF SPWM APPLIED 15 LEVEL INVERTER WITH ARM PROCESSOR ABDULVEHHAB KAZDALOGLU, BEKIR CAKIR, TARIK ERFIDAN, MEHMET ZEKI BILGIN |
| | 0258 : ESTIMATION OF POWERLINE ROUTE FROM AIRBORNE LIDAR MUSTAFA ZEYBEK |

Session IV : 27.10.2018 - Saturday (15:20 - 16:50)

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| 212 | CHAIR : RECAI KUS |
| | 0137 : DETERMINATION OF BASIC CONSTRUCTION PARAMETERS OF KNITTING MACHINES DUYGU ERDEM, GABIL ABDULLA |
| | 0150 : HEAT RECOVERY OPTIMIZATION CEYDA KOCABAS, AHMET FEVZI SAVAS |
| | 0158 : DYNAMIC CHARACTERIZATION OF THE TORSIONAL VIBRATION DAMPER USING QUASI STATIC TORQUE LOADING TEST OMER FARUK UNAL, HASAN ANIL ERKEC, CIHANGIR KAPLAN, YUKSEL CETINKAYA, TUNCAY KARACAY |
| | 0205 : A COMPUTATIONAL STUDY FOR PLAIN CIRCULAR PIPE FLOW ALI H ABDULKAREEM, EYUB CANLI, ALI ATES |
| | 0221 : INTERN ENGINEERING APPLICATION STATISTICS EYUB CANLI, AHMET ALI SERTKAYA |
| | 0201 : INVESTIGATION OF THE EFFECTS OF DIFFERENT CEMENTS ON THE PERFORMANCE OF SMALL SCALE DEEP MIXING COLUMNS MOJEBULLAH WAHIDY, MURAT OLGUN |

Session IV : 27.10.2018 - Saturday (15:20 - 16:50)

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| 109 | CHAIR : ESMA ERYILMAZ |
| | 0212 : HOW MOLECULAR MODELING HELPS DRUG DESIGN COMPUTER AIDED DRUG DESIGN STRATEGIES ESMA ERYILMAZ |
| | 0215 : PERFORMANCE COMPARISON OF 2 D ZALMS AND BM3D ALGORITHMS FOR IMAGE DENOISING GULDEN ELEYAN, MOHAMMAD SALMAN |
| | 0252 : DESIGN OF A HOME HEALTH CARE DATABASE IN MONITORING CHRONIC RESPIRATORY DISEASES ILAYDA HASDEMIR, GOKHAN ERTAS |
| | 0129 : A MODEL ACTIVE CONTROL SYSTEM FOR ANKLE FOOT ORTHOTIC ZAIN SHAMI, M NABEEL ANWAR |
| | 0270 : EFFECTS OF LINEAR TIME OF FLIGHT MASS SPECTROMETER ON TISSUE MOLECULAR ANALYSIS METHOD YASEMIN GUNDOGDU, HAMDİ SUKUR KILIC |
| | 0299 : A NEW APPROACH FOR FEATURE EXTRACTION FROM FUNCTIONAL MR IMAGES GUZİN ÖZMEN, SERAL ÖZSEN |

Session IV : 27.10.2018 - Saturday (15:20 - 16:50)

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| 111 | CHAIR : ADEM GOLCUK |
| | 0209 : COMPARISON OF EMPIRICAL AND EXPERIMENTAL RESULTS OF TEMPERATURE ON CUTTING TOOL HARDNESS DURING ROUGH TURNING MUSTAFA KUNTOGLU, HACI SAGLAM |
| | 0139 : A CALORIMETRIC INVESTIGATION OF CO2 N2 AND AR ADSORPTION FEHİME ÇAKICIOĞLU ÖZKAN, ASLI ERTAN |
| | 0261 : INVESTIGATION OF LOW VELOCITY IMPACT BEHAVIOURS OF NANOSILICA FILLED AND BASALT FIBER REINFORCED NANOCOMPOSITES AT SEA WATER CORROSION CONDITION İBRAHİM DEMİRÇİ, NECATİ ATABERK, MEHMET TURAN DEMİRÇİ, AHMET AVCI |
| | 0133 : INVESTIGATION OF WEAR OCCURRED IN DRY CLUTCH DISK WORKING UNDER VARIOUS TORQUES AND ROTATION SPEEDS İBRAHİM SEVİM, MUHAMMED EMİN TOLU, NURULLAH GULTEKİN, MURAT MAYDA |
| | 0231 : VARIATION OF FRACTURE TOUGHNESS OF RESISTANCE ON SPOT WELDED SHEET STEELS WITH HARDNESS İBRAHİM SEVİM, MUHAMMED EMİN TOLU |



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