

## IISEC 2022 SYMPOSIUM PROGRAM

UPDATED ON 16.12.2022



**NOTE THAT:** THE CLOCKS IN THIS PROGRAM SHOW THE DATES AND TIMES IN ISTANBUL. YOU CAN COMPARE THE TIMES IN YOUR OWN COUNTRY FROM THE LINK GIVEN BELOW.

<https://www.timeanddate.com/worldclock/>

### ZOOM LINKS FOR ONLINE PRESENTATIONS

#### INTERACTIVE MEETING HALL (SESSIONS: 2-4-6-8-10)

<https://us06web.zoom.us/j/82866653501?pwd=bEhhcEVJSVVGQ0t5Q0k0NkZ0RUUp3Zz09>

**ZOOM ID: 828 6665 3501**  
**PASSWORD: IISEC22**

#### SIĞLA MEETING HALL (SESSION: 9)

<https://us06web.zoom.us/j/86967347873?pwd=WmVEeWN6N0VIT3ZVVGvN0WEybGFtQT09>

**ZOOM ID: 869 6734 7873**  
**PASSWORD: IISEC22**

### DEC 15, 2022 (THURSDAY)

**VENUE : GENERAL DIRECTORATE OF FORESTRY BUILDING - ANKARA**

12:00-13:00		REGISTRATION	
13:00-14:30		OPENING CEREMONY (SIĞLA MEETING HALL)	
PROF. DR. ALI YAZICI	ATILIM UNIVERSITY, TR		
PROF. DR. ASAF VAROL	GENERAL CHAIR OF IISEC		
PROF. DR. YUSUF TEKIN	RECTOR OF ANKARA HACI BAYRAM VELI UNIVERSITY, TR		
PROF. DR. MEHMET YILDIRIM ÜÇTUĞ	RECTOR OF ATILIM UNIVERSITY, TR		
PROF. DR. MUSA YILDIZ	RECTOR OF GAZI UNIVERSITY, TR		
PROF. DR. EDIBE SOZEN	RECTOR OF MALTEPE UNIVERSITY, TR		
		ONLINE LIVE SESSION FOR OPENING CEREMONY	
		<a href="https://us06web.zoom.us/j/86967347873?pwd=WmVEeWN6N0VIT3ZVVGvN0WEybGFtQT09">https://us06web.zoom.us/j/86967347873?pwd=WmVEeWN6N0VIT3ZVVGvN0WEybGFtQT09</a>	
		ZOOM ID: 869 6734 7873 PASSWORD: IISEC22	
14:30-15:30		KEYNOTE SPEECH (SIĞLA MEETING HALL)	
		PROF. DR. NIZAMETTIN AYDIN	
		ASSESSMENT OF MALE DEPENDENT INFERTILITY – AN APPLICATION OF ARTIFICIAL INTELLIGENCE AND COMPUTER VISION	
15:30-16:00		COFFEE BREAK	
16:00-17:30	SESSION 1 (SIĞLA MEETING HALL- SIĞLA TOPLANTI SALONU) IN-PERSON PRESENTATIONS	SESSION 2 (INTERACTIVE MEETING HALL- INTERAKTIF TOPLANTI SALONU) ONLINE PRESENTATIONS ZOOM ID: 828 6665 3501/ PASSWORD: IISEC22	
SESSION CHAIR	PROF. DR. ÖZAY GÜRTÜĞ	ASSOC. PROF. DR. HUREVREN KILIÇ	
PAPER IDS	10, 27, 37, 82, 105	2, 41, 46, 61, 74, 88	

## DEC 16, 2022 (FRIDAY)

09:00-09:30		REGISTRATION	
09:30-11:00	SESSION 3 (SIĞLA MEETING HALL- SIĞLA TOPLANTI SALONU) IN-PERSON PRESENTATIONS	SESSION 4 (INTERACTIVE MEETING HALL- INTERAKTIF TOPLANTI SALONU) ONLINE PRESENTATIONS ZOOM ID: 828 6665 3501/ PASSWORD: IISEC22	
SESSION CHAIR	ASSOC. PROF.DR. ÇIĞDEM TURHAN	DR. GUZIN TIRKEŞ	
PAPER IDS	35, 58, 111, 112	70, 12, 15, 16, 48, 64	
11:00-11:30		COFFEE BREAK	
11:30-13:00	SESSION 5 (SIĞLA MEETING HALL- SIĞLA TOPLANTI SALONU) IN-PERSON PRESENTATIONS	SESSION 6 (INTERACTIVE MEETING HALL- INTERAKTIF TOPLANTI SALONU) ONLINE PRESENTATIONS ZOOM ID: 828 6665 3501/ PASSWORD: IISEC22	
SESSION CHAIR	DR. CANSU ÇIĞDEM EKIN	DR. GUL TOKDEMIR	
PAPER IDS	62, 30, 66, 72	20, 40, 59, 73, 83, 113	
13:00-14:00		LUNCH	
14:00-15:30	SESSION 7 (SIĞLA MEETING HALL- SIĞLA TOPLANTI SALONU) IN-PERSON PRESENTATIONS	SESSION 8 (INTERACTIVE MEETING HALL- INTERAKTIF TOPLANTI SALONU) ONLINE PRESENTATIONS ZOOM ID: 828 6665 3501/ PASSWORD: IISEC22	
SESSION CHAIR	PROF.DR. YUSUF MURAT ERTEN	DR. CEMRE CANDEMIR	
PAPER IDS	42, 71, 81, 103, 36	31, 47, 54, 55, 84, 116	
15:30-16:00		COFFEE BREAK	
16:00-18:00	SESSION 9 (SIĞLA MEETING HALL- SIĞLA TOPLANTI SALONU) ONLINE PRESENTATIONS ZOOM ID: 869 6734 7873/ PASSWORD: IISEC22	SESSION 10 (INTERACTIVE MEETING HALL- INTERAKTIF TOPLANTI SALONU) ONLINE PRESENTATIONS ZOOM ID: 828 6665 3501/ PASSWORD: IISEC22	
SESSION CHAIR	PROF. DR. MURAT PAŞA UYSAL	DR. DAMLA TOPALLI	
PAPER IDS	17, 69, 45, 104, 106, 93	22, 28, 44, 67, 98, 76, 77	
18:00-18:30		CLOSING CEREMONY	
18:00-19:00	SESSION 11 (SIĞLA MEETING HALL- SIĞLA TOPLANTI SALONU) VIDEO RECORDING PRESENTATIONS 4, 5, 7, 13, 21, 23, 24, 29, 34, 50, 52, 53, 56, 57, 60, 63, 65, 68, 75, 86, 89, 90, 94, 97, 100, 108, 109		



## IISEC 2022 SYMPOSIUM DETAILED PROGRAM

### DEC 15, 2022 (THURSDAY)

VENUE : GENERAL DIRECTORATE OF FORESTRY BUILDING - ANKARA



12:00-13:00 REGISTRATION

14:00-14:30 OPENING CEREMONY (SIĞLA MEETING HALL- SIĞLA TOPLANTI SALONU)

PROF. DR. ALI YAZICI ATILIM UNIVERSITY, TR  
PROF. DR. ASAF VAROL GENERAL CHAIR OF IISEC, MALTEPE UNIVERSITY, TR  
PROF. DR. YUSUF TEKIN RECTOR OF ANKARA HACI BAYRAM VELI UNIV., TR  
PROF. DR. MEHMET YILDIRIM ÜÇTUĞ RECTOR OF ATILIM UNIVERSITY, TR  
PROF. DR. MUSA YILDIZ RECTOR OF GAZI UNIVERSITY, TR  
PROF. DR. EDİBE SOZEN RECTOR OF MALTEPE UNIVERSITY, TR

14:30-15:30 KEYNOTE SPEECH (SIĞLA MEETING HALL- SIĞLA TOPLANTI SALONU)

**PROF. DR. NIZAMETTİN AYDIN**

ASSESSMENT OF MALE DEPENDENT INFERTILITY – AN APPLICATION OF ARTIFICIAL INTELLIGENCE AND COMPUTER VISION

**15:30-16:00** **COFFEE BREAK**

**16:00-17:30** **SESSION 1 (SIĞLA MEETING HALL- SIĞLA TOPLANTI SALONU)**

**CHAIR: PROF. DR. ÖZAY GÜRTÜĞ**

**10, 27, 37, 82, 105**

**PAPER ID 10:** DECLARATIONS OF SOFTWARE ENGINEERING PROJECT MANAGERS MANAGING REMOTELY: PROVISIONS FOR HYBRID WORKING  
MUSTAFA DEGERLI\*

**PAPER ID 27:** OPINION MINING USING LSTM NETWORKS ENSEMBLE FOR MULTI-CLASS SENTIMENT ANALYSIS IN E-COMMERCE  
DIMA ALNAHAS\*; FURKAN AŞIK; ALPER KANTURVARDAR; ABDULLAH ÜLKGÜN

**PAPER ID 37:** BEHAVIOUR ANALYSIS OF IZMIR RESIDENTS USING PUBLIC WI-FI ACCESS POINT USAGE  
İLAYDA DILEK; KAYA OĞUZ; ALPER DEMİR\*

**PAPER ID 82:** RADAR 2023 - AUTONOM SEMANTIC SCHOLAR  
MEHMET E CIFTCIBASI\*; ARAS ALBAYRAK; FERHAT KÖSE; ERGENEKON HASOY; YÜCEL ÖZDEMİR

**PAPER ID 105:** BOOST LOSS FUNCTIONS FOR BETTER CHANGE DETECTION  
OZAN PEKER\*; FATİH UYSAL; FIRAT HARDALAC

**16:00-17:30** **SESSION 2 (INTERACTIVE MEETING HALL-INTERAKTIF TOPLANTI SALONU)**

**CHAIR: ASSOC. PROF. DR. HUREVREN KILIÇ**

**2, 41, 46, 61, 74, 88**

**PAPER ID 2:** A SECURE AND INTELLIGENT SMART HOME CONTROLLING SYSTEM  
DILSHAN ABEYSIRIWARDHANA W C\*; CHAMATH HETTIARACHCHI M; ESHANDI ATHTHANAYAKA

**PAPER ID 41:** LEVERAGING ALL THE POWER OF NATURAL LANGUAGE PROCESSING FOR FINANCIAL INTELLIGENCE SYSTEM  
SAVAŞ YILDIRIM\*; OSMAN DEMIREL; TUĞBERK KALAY; OZGUR UGUR

**PAPER ID 46:** MARKOV CHAIN SEQUENCE MODELING  
AISHWARYA ARESH\*

**PAPER ID 61:** SMART PARKING RESERVATION AND MANAGEMENT APPLICATION  
LATHUSHANAN KONESWARA\*; SUBODHA SUBASINGHA; UDAGI RANAWEEERA; HESHAN AVISHKA WIJEKON;  
N.H.P. RAVI SUPUNYA SWARNAKANTHA; K.B.A.B. CHATHURIKA

**PAPER ID 74:** FOURIER DOMAIN KERNEL DENSITY ESTIMATION-BASED APPROACH FOR HAIL SOUND CLASSIFICATION  
NAAMAN OMAR, ADEL AL-ZEBARI\* AND ABDULKADIR ŞENGÜR

**PAPER ID 88:** DIAGNOSIS OF DIABETES USING CLINICAL FEATURES: AN ANALYSIS BASED ON MACHINE LEARNING TECHNIQUES  
FAIYAZ FAHİM\*; ABDULLA AL FARABI; MD SABID HASAN; MD MAHMUDUL HASAN

**DEC 16, 2022 (FRIDAY)**

**09:00-09:30** **REGISTRATION**

**09:30-11:00** **SESSION 3 (SIĞLA MEETING HALL- SIĞLA TOPLANTI SALONU)**

**CHAIR: ASSOC.PROF. DR. ÇIĞDEM TURHAN**

**35, 58, 111, 112**

**PAPER ID 35:** ONTOLOGY-BASED SEMANTIC ANALYSIS OF SOFTWARE REQUIREMENTS: A SYSTEMATIC MAPPING  
ZEYNEP YAREN OĞUZ\*; ÇIĞDEM TURHAN

**PAPER ID 58:** DETERMINATIVE FACTORS OF CLOUD COMPUTING ADOPTION IN GOVERNMENT ORGANIZATIONS  
BURCU KOÇ\*; UMUT ŞENER; P. ERHAN EREN

**PAPER ID 111:** TEACHING AGILE IN AN AGILE WAY: A CASE FROM THE FIRST ITERATION IN A UNIVERSITY  
NECMETTİN ÖZKAN\*; ÖZDEN ÖZCAN-TOP; SEVVAL BAL; MEHMET SAHİN GÖK

**PAPER ID 112:** A BIBLIOMETRIC ANALYSIS OF AGILE SOFTWARE DEVELOPMENT PUBLICATIONS  
NECMETTİN ÖZKAN\*; TUGBA GURGEN ERDOĞAN; MEHMET SAHİN GÖK

**09:30-11:00** **SESSION 4 (INTERACTIVE MEETING HALL-INTERAKTIF TOPLANTI SALONU)**

**CHAIR: DR. GUZIN TIRKEŞ**

**70, 12, 15, 16, 48, 64**

**PAPER ID 70:** EXTENDING APAL TO DETECT OVERLAPPING COMMUNITIES IN WEIGHTED NETWORKS  
KAYA OĞUZ\*; OSMAN DOLUCA

**PAPER ID 12:** VISION TRANSFORMERS-BASED HAND GESTURE CLASSIFICATION  
ADEL AL-ZEBARI\*, NAAMAN OMAR, ABDULKADIR ŞENGÜR

**PAPER ID 15:** PROPOSING AN AUGMENTED REALITY-BASED SYSTEM FOR FASHION AND BEAUTY MAKEOVER  
ARNAV TOPE\*; OMKAR BHOPE; TANISHK RANE; PARIMAL MAHINDRAKAR

**PAPER ID 16:** AN AUGMENTED REALITY-BASED SYSTEM FOR FASHION AND BEAUTY MAKEOVER  
ARNAV TOPE\*; OMKAR BHOPE; TANISHK RANE; PARIMAL MAHINDRAKAR

**PAPER ID 48:** AUTHORSHIP ATTRIBUTION- AUTHOR STYLE VS CONTENT  
MEENAL DUGAR\*

**PAPER ID 64:** DENSE REGION DETECTION OF STREAMING SOCIAL MEDIA DATASETS USING BLOCKCHAIN-BASED SECURE COMPUTATION  
ALPER ECEMIŞ\*; AHMET SAKIR DOKUZ; METE CELİK

**11:00-11:30** **COFFEE BREAK**

**11:30-13:00** **SESSION 5 (SIĞLA MEETING HALL- SIĞLA TOPLANTI SALONU)**

**CHAIR: DR. CANSU ÇIĞDEM EKİN**

**62, 30, 66, 72**

**PAPER ID 62:** A COMPREHENSIVE BIG DATA FRAMEWORK FOR ENERGY MARKETS: OIL AND GAS DEMAND FORECASTING  
ALP BAYAR; BURCU KOÇ\*; MERT O GÖKALP; BARAN ÖZDEN; YİĞİT YELDAN; ALTAN KOCYIGIT; P. ERHAN EREN

**PAPER ID 30:** NONLINEAR MODELING AND LYAPUNOV STABILITY BASED CONTROLLER DESIGN OF A QUADROTOR UAV  
MEHMET KARAHAN\*

**PAPER ID 66:** FEATURE SELECTION APPROACH FOR PHISHING DETECTION  
AHMET SELİM KÜÇÜKKARA; OGUZHAN MENEMENCIOĞLU\*

**PAPER ID 72:** TIME ANALYSIS FOR SHARING ON TWITTER SOCIAL NETWORK BY USING NEURAL NETWORKS  
AHMET ANIL MÜNGEN\*; İCLAL ÇETİN TAŞ

**11:30-13:00** **SESSION 6 (INTERACTIVE MEETING HALL-INTERAKTIF TOPLANTI SALONU)**

**CHAIR: DR. GÜL TOKDEMİR**

**20, 40, 59, 73, 83, 113**

**PAPER ID 20:** TIME SERIES MODELING AND FORECASTING OF EXPECTED MONTHLY RAINFALL IN SOME REGIONS OF NORTHERN NIGERIA AMID SECURITY CHALLENGES  
SALİM JIBRİN DANBATTAN\*; ASAF VAROL; AHAD NASAB

**PAPER ID 40:** A COMPARATIVE STUDY OF MACHINE LEARNING ALGORITHMS FOR TIME DEPOSIT PRICING  
SALİH İMECE\*; MERT ÇETİNKAYA; BİLGE KÖROĞLU

**PAPER ID 59:** DESIGN OF A BEHAVIOR CLASSIFICATION SYSTEM FOR MONITORING AUTISM SPECTRUM DISORDER USING DEEP LEARNING  
ALONICA VILLANUEVA, SOFIA LOUISE MCCARTHY, DJ PAULO LEGASPI, DENELLE JIN MENDOZA\*, MARIA CECILIA VENAL, SOFIA COLEEN TEMPLONUEVO AND MENCHIE ROSALES

**PAPER ID 73:** STRUCTURAL ANALYSIS FOR STAIRLIFT CHAIR DESIGN  
AHMED M. SALAHELDİN\*; MOSTAFA SAIED EL-MOHANDES; NEVEN SALEH

**PAPER ID 83:** ASSISTIVE TECHNOLOGY FOR INDIVIDUALS WITH IMPAIRED BALANCE  
AHMED M. SALAHELDİN\*; ALAA HASHEM

**PAPER ID 113:** LUNG CANCER RELATED SYMPTOMATIC PROGNOSIS AND PROBABILITY CALCULATION  
METHTHANI RANASINGHE\*; VIHANGA N.H.A. DESHAN; AVISHKA R SENADHEERA

**13:00-14:00** **LUNCH**

14:00-15:30

## SESSION 7 (SIĞLA MEETING HALL- SIĞLA TOPLANTI SALONU)

CHAIR: PROF. DR. YUSUF MURAT ERTEN

42, 71, 81, 103, 36

- PAPER ID 42:** A PERFORMANCE IMPROVEMENT MODEL FOR MARKET SURVEILLANCE APPLICATION  
MEHMET GÖKTÜRK\*; SELIM KAHRAMAN; MURAT TOPRAK; KORKMAZ ERGUN; AHMET CAN RAMAZANOĞLU;  
İBRAHİM ÖZTÜRK
- PAPER ID 71:** NOMA-ENABLED COGNITIVE COMMUNICATION BASED ON HYBRID NARROWBAND/WIDEBAND SDR  
WAVEFORM  
MUHAMMAD ZEESHAN\*; KASHIF SHAHZAD; MUHAMMAD UMAR FAROOQ
- PAPER ID 81:** BLOCKCHAIN BASED PROJECT MANAGEMENT  
AHMET ÇAKMAK, BATUHAN ÖZCAN, MEHMET ÖZDEM, FATİH BEKİN, KÜBRA KIRTEKİN\*, ŞEBNEM AYDIN,  
EDA AYAZ
- PAPER ID 103:** AIR-DRAWING  
SAMI HAJ ALI\*, HUSEYİN AYGUN
- PAPER ID 36:** A NOVEL COUNTERMEASURE FOR SELECTIVE FORWARDING ATTACKS IN IOT NETWORKS  
OKAN YAMAN\*; BARIŞ SOKAT; TOLGA AYAV; YUSUF M ERTEN

14:00-15:30

## SESSION 8 (INTERACTIVE MEETING HALL-INTERAKTIF TOPLANTI SALONU)

CHAIR: DR. CEMRE CANDEMİR

31, 47, 54, 55, 84, 116

- PAPER ID 31:** COMPUTATIONAL AND PREDICTIVE TRUST GAME MODEL FOR SWITCHING PROCESS IN FMRI  
CEMRE CANDEMİR\*, ASLIHAN DEMİR AND ALI SAFFET GONUL
- PAPER ID 47:** USE OF AI AND IOT TO MAKE RETAIL SMARTER  
SANDEEP SHEKHAWAT\*
- PAPER ID 54:** STATE-OF-THE-ART REVIEW OF TAXONOMIES FOR QUALITY ASSESSMENT OF INTELLIGENT SOFTWARE  
SYSTEMS  
ARINA CHEVERDA; AHROR JABBOROV; ARTEM KRUGLOV\*; GIANCARLO SUCCI
- PAPER ID 55:** PERFORMANCE COMPARISON OF DIFFERENT MACHINE LEARNING TECHNIQUES FOR EARLY PREDICTION OF  
BREAST CANCER USING WISCONSIN BREAST CANCER DATASET  
ATAJAN ROVSHENOV\*; SERHAT PEKER
- PAPER ID 84:** INTEGRATING A DIALOGUE TREE BASED TURKISH CHATBOT INTO AN OPEN SOURCE PYTHON CODING EDITOR  
TURGAY TUGAY BILGIN\*; ERDEM YAVUZ
- PAPER ID 116:** ALGORITHMICALLY NAVIGATING COMPLEX TABULAR STRUCTURES IN IMAGES FOR INFORMATION EXTRACTION  
METHMI NUGAWELA\*; KAVINGA YAPA ABEYWARDENA; HANSIKA MAHADIKARA

15:30-16:00

## COFFEE BREAK

16:00-18:00

## SESSION 9 (SIĞLA MEETING HALL- SIĞLA TOPLANTI SALONU)

CHAIR: PROF. DR. MURAT PAŞA UYSAL

17, 69, 45, 104, 106, 93

- PAPER ID 17:** SKIN DISEASE DETECTION OF PET DOGS AND IDENTIFYING HOME REMEDIES USING MACHINE LEARNING  
(SVM, NLP) AND AI  
D.M.A. DISSANAYAKA\*, K.M. SIFRAN, J.E.T.A. THIVIYA AND D.I.D.S. WIJESINGHE
- PAPER ID 69:** DESIGN AND ENHANCEMENT OF A CNN MODEL TO AUGMENT THE FACE RECOGNITION ACCURACY  
SHAKIR FATTAH KAK\*; FIRAS M. MUSTAFA; ASAF VAROL
- PAPER ID 45:** A NOVEL PROBABILISTIC FRAMEWORK FOR MODELING SPELLING ERRORS BY TERM LENGTH AND FREQUENCY  
CAN ÖZBEY\*; HATICE ALTINOK; MUSTAFA Umut DEMIREZEN
- PAPER ID 104:** CYBER SECURITY'S SILVER BULLET- A SYSTEMATIC LITERATURE REVIEW OF AI-POWERED SECURITY  
IQRA TABASSUM; SIBGHAT ULLAH BAZAI\*; ZUBAIR ZALAND; SHAH MARJAN; MUHAMMAD ZAHID KHAN;  
MUHAMMAD IMRAN GHAFOR
- PAPER ID 106:** PHISHING AND INTRUSION ATTACKS: AN OVERVIEW OF CLASSIFICATION MECHANISMS  
SAIMA TAREEN; SIBGHAT ULLAH BAZAI\*; SHAFI ULLAH; REHMAT ULLAH; SHAH MARJAN; MUHAMMAD  
IMRAN GHAFOR
- PAPER ID 93:** REINFORCEMENT LEARNING-BASED GRASP PATTERN CONTROL OF UPPER LIMB PROSTHETICS IN AN AI  
PLATFORM  
NAFISEH GHAFFAR NIA\*; AHAD NASAB; ERKAN KAPLANOGLU

## 16:00-18:00 **SESSION 10 (INTERACTIVE MEETING HALL-INTERAKTIF TOPLANTI SALONU)**

**CHAIR: DR. DAMLA TOPALLI**

**22, 28, 44, 67, 98, 76, 77**

- PAPER ID 22:** PARALLEL CONNECTIVITY ALGORITHMS  
KAYHAN ERCIYES\*; BEHCET SARIBATIR
- PAPER ID 28:** A PARALLEL NETWORK ALIGNMENT ALGORITHM FOR BIOLOGICAL NETWORKS  
BEHÇET SARIBATIR; KAYHAN ERCIYES\*
- PAPER ID 44:** DESIGN OF A DEEP LEARNING-BASED DETECTION SYSTEM FOR CRIMINAL ACTIVITIES  
VERLYN V. NOJOR, JAROD AUGUSTUS C. AUSTRIA, ADRIAN A. GALIT, JOAQUIN TYRONE B. GUEVARRA\*,  
KATHLEEN Q. JOGNO, MARIA CECILIA A. VENAL AND MARY JANE F. SOMAO-I
- PAPER ID 67:** MULTIVARIATE TIME SERIES FORECASTING USING ARIMAX, SARIMAX, AND RNN-BASED DEEP LEARNING  
MODELS ON ELECTRICITY CONSUMPTION  
FJ VINCENT ATABAY\*, RYU MENDOZA PAGKALINAWAN, STEVEN DALE PAJARILLO, ALONICA R. VILLANUEVA  
AND JONATHAN V. TAYLAR
- PAPER ID 98:** REAL-TIME BEST FITTED CROPS RECOMMENDATION SYSTEM BASED ON AGRICULTURAL SOIL HEALTH  
ALONICA VILLANUEVA\*, ASMADI DORADO, ERIKA MARIE GERARMAN, JOHN BRIAN F. QUEBRAL, MARIA  
CECILIA VENAL, DARYL NEIL L. VALENZUELA AND MENCHIE ROSALES
- PAPER ID 76:** TWITTER SENTIMENT ANALYSIS USING NAÏVE BAYES ALGORITHM  
PRASHANT KUMAR MISHRA\*; SANJEEV PATIL; USAMA SHEHROZ; PARVATHI ANIYERI; TALHA ALI KHAN
- PAPER ID 77:** A COMPARISON BETWEEN MACHINE LEARNING MODELS FOR AIRTICKET PRICE PREDICTION  
SARAN JAYATHILAK; BINNIES PALLIMYALIL BENNY\*; ELDHO PAULOSE; ARJUN CHITTATE; TALHA ALI KHAN;  
RAND KOUATLY

## 18:00-18:30 **CLOSING CEREMONY**

## 18:00-19:00 **SESSION 11 (SIĞLA MEETING HALL- SIĞLA TOPLANTI SALONU)**

### **VIDEO RECORDING PRESENTATIONS**

**Please use the link below for all video recording presentations:**

<https://youtube.com/playlist?list=PLo6lp2A1zBGEzj5oueZ8TqMenE9AoMIPE>

[4](#), [5](#), [7](#), [13](#), [21](#), [23](#), [24](#), [29](#), [34](#), [50](#), [52](#), [53](#), [56](#), [57](#), [60](#), [63](#), [65](#), [68](#), [75](#), [86](#), [89](#), [90](#), [94](#), [97](#), [100](#), [108](#), [109](#)

- PAPER ID 4:** MOBILE PLATFORM FOR LIVESTOCK MONITORING AND INSPECTION  
SAMSON DAMILOLA FABIYI\*; JINCHANG REN
- PAPER ID 5:** FEATURE EXTRACTION AND DIMENSIONALITY REDUCTION OF CANCER DATA USING FOLDED LDA  
SAMSON DAMILOLA FABIYI\*; DISMAS EZECHUKWU
- PAPER ID 7:** INTRUSION DETECTION IN COMPUTER NETWORKS USING OPTIMIZED MACHINE LEARNING ALGORITHMS  
ABDULLAH ASIM YILMAZ\*
- PAPER ID 13:** REAL-TIME AUTOMATED LICENSE PLATE RECOGNITION AND TRACKING OF RUNAWAY VEHICLES  
MONTASER RAMADAN\*
- PAPER ID 21:** A MACHINE LEARNING APPROACH TO THE PREDICTION OF BANK CUSTOMER CHURN PROBLEM  
OMOBOLA AZEEZAT OKOCHA\*; ILHAM HUSEYINOV
- PAPER ID 23:** FEATURE SELECTION BASED ON MACHINE LEARNING ALGORITHMS: A WEIGHTED SCORE FEATURE  
IMPORTANCE FUSION APPROACH FOR FACIAL AUTHENTICATION  
LAMIS GHOUALMI\*
- PAPER ID 24:** MACHINE LEARNING MODELS FOR AUTOMATED HEART DISEASE PROGNOSIS  
LAMIS GHOUALMI\*
- PAPER ID 29:** PLANNING MARKETING STRATEGIES IN SMALL-SCALE BUSINESS USING DATA ANALYSIS  
PRIYASHA FERNANDO\*; THARINDA ADHIKARI; THIMIRA VITHANAGE; THILINI WIJESEKARA; ANJALIE GAMAGE;  
THILINI JAYALATH
- PAPER ID 34:** PRIORITY ALGORITHM BASED ON FUNCTION IDENTIFICATION AND SIMULATION FOR PREVENTING THE ELECTRIC  
VEHICLES CHARGER STATION CHAOS  
GONCA USLU OZKUCUK\*; SERHAT OZKUCUK
- PAPER ID 50:** EFFICIENT ARABIC TEXT CLASSIFICATION USING FEATURE SELECTION TECHNIQUES AND GENETIC ALGORITHMS  
AHMED AL-DULAIMI; MURAT OKKALIOGLU\*
- PAPER ID 52:** FAST AND LOW-COST, WIRELESS CONTROLLED SMART SHOPPING CART WITH RASPBERRY PI AND RFID  
TECHNOLOGY  
ZEESHAN ALI\*; MUDASSER WAQAS; MUZZAMIL WAQAS; AHSAN SHAHZAD
- PAPER ID 53:** AUTOMATED SINHALA VOICE ASSISTANT TO MANAGE TASKS USING NATURAL LANGUAGE PROCESSING-VOICE  
ISURU RAVEEN SENARATHNE\*; ISURU NIRASH; CHAMIKA PRABODYA; VIHANGA BANDARA; DINUKA  
WIJENDRA; JENNY JOSEPH
- PAPER ID 56:** AN APPROACH TO CONSTRUCTING FORMAL MODEL FOR PRODUCT FAMILIES  
HONGBO LIU\*; XI WANG; WEIWEI WANG
- PAPER ID 57:** IMPACT OF MACHINE LEARNING IN DIGITAL MARKETING APPLICATIONS  
GÜNEŞ GÜRSOY\*; ASAF VAROL; SERKAN VAROL
- PAPER ID 60:** LUMEE: A CENTRALIZED SMART PROTECTOR FOR SCHOOL CHILDREN WHO ARE USING ONLINE EDUCATION  
LUMINDU DILUMKA\*,
- PAPER ID 63:** HANDLING ROLLBACKS WITH SEPARATED RESPONSE CONTROL SERVICE FOR MICROSERVICE ARCHITECTURE  
MUSTAFA GÖRDESLİ; AHAD NASAB; ASAF VAROL\*

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