

11th INTERNATIONAL CONFERENCE
on
ELECTRONICS, COMPUTERS
and ARTIFICIAL INTELLIGENCE
ECAI 2019, June 27– June 29, 2019



PROGRAM

hosted by

UNIVERSITY OF PITESTI, PITESTI, ROMANIA:

- Faculty of Electronics, Communications and Computers (ECC)

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ECAI 2019, June 27– June 30, 2019

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PROGRAM

Wednesday, June 26, 2019

Wednesday, June 26, Participants' arrival

Thursday, June 27, 2019

June 27, 8:00-8:50, conference desk

Registration of the participants

June 27, 9:00-9:40, OFFICIAL OPENING

Aula Magna, keynote room

09:00-09:40 *Welcome and Opening Addresses*

09:00-09:05 Welcome message of Nicu Bizon,
Chair of ECAI 2019. University of Pitesti

09:05-09:10 Welcome message of Dumitru Chirlesan,
Rector of the University of Pitesti

09:10-09:15 Welcome message of Mihai Oproescu,
Dean of the faculty of ECC, University of Pitesti

09:15-09:20 Welcome message of Gheorghe Serban
Chief of the ECIE department, faculty of ECC, University of Pitesti

09:20-09:25 Welcome message of Cristian Negrescu
Chair of the IEEE Romanian section

09:25-09:30 Welcome message of Radu-Emil Precup,
Romanian Academy (c.m.)

09:30-09:35 Welcome message of Takeshi Yamakawa,
Honorary Chair of the ECAI conference

09:35-09:45 Welcome message of Partners and Sponsors

**June 27, 09:40-13:30, ECAI KEYNOTE LECTURES –I,
keynote room (Senate Aula)**

Chairs: Ibrahim Sefa and Nicu Bizon

09:45-10:25, Radu-Emil Precup
EVOLVING FUZZY AND NEURAL NETWORK MODELS OF FINGER
DYNAMICS FOR PROSTHETIC HAND MYOELECTRIC-BASED CONTROL

10:25-11:05, Erol Kurt
COMPARISON OF ELECTROMAGNETIC ENERGY HARVESTERS

11:05-11:35, Coffee break; Discussions and Brokerage events

Chairs: Erol Kurt and Slim Tnani

11:35-12:15, Ibrahim Sefa
LYAPUNOV-FUNCTION-BASED CONTROL OPTIONS FOR GRID-
CONNECTED INVERTERS

June 27, 15:30-17:00, ECAI Afternoon sessions

June 27, 17:00-17:30 Coffee break



June 27, 15:30-18:00, ECAI Afternoon sessions

June 27, 15:30-17:00, ECAI sessions

June 27, 15:30-18:00, ECAI Poster and E-sessions

**June 27, 15:30-17.00, Bio-medical applications
room A**

Chairs: Radu-Emil Precup, Sorin Puscoci

15:30-15:45 Ionescu Marius and Pașca Sever
MEASURING GLUCOSE BLOOD WITH SPECTROSCOPY SKIN IN NEAR
INFRARED

15:45-16:00 Eleni Gati, Sotirios Kokosis, Nikolaos Patsourakis and Stefanos Manias
ANALYSIS OF PRIMARY-SIDE SERIES COMPENSATION OF INDUCTIVE
CHARGERS FOR BIOMEDICAL IMPLANTABLE DEVICES

16:00-16:15 Radu-Emil Precup, Teodor-Adrian Teban and Adriana Albu
EVOLVING FUZZY AND NEURAL NETWORK MODELS OF FINGER
DYNAMICS FOR PROSTHETIC HAND MYOELECTRIC-BASED CONTROL

16:15-16:30 Eva Tuba, Ivana Strumberger, Nebojsa Bacanin and Milan Tuba
ANALYSIS OF LOCAL BINARY PATTERN FOR EMPHYSEMA
CLASSIFICATION IN LUNG CT IMAGE

16:30-16:45 George Suciu, Adrian Pasat, Mihaela Balanescu, Ioana Suciu, Alexandru Banaru and Iacob Crucianu

ESTABLISH: A SMART HEALTH PLATFORM FOR ENHANCING THE QUALITY OF LIFE

16:45-17:00 Sorin Soviany and Sorin Puscoci

A BIOMETRIC SECURITY MODEL WITH CO-OCCURRENCE MATRICES FOR PALMPRINT FEATURES

June 27, 15:30-17.00, Electrical engineering applications room B

Chairs: Stefan Simion, Ovidiu Constantin Novac

15:30-15:45 Ionut Craiu, Florian Ion, Nicolae Fidel, Ramona Chirescu and Mihail-Florin Stan

MEASURING AND MAINTAINING THE WATER LEVEL IN A TANK FOR EFFICIENT USE IN IRRIGATION

15:45-16:00 Ioan Marinescu, Horia Andrei and Ionut Iordache

PROTECTION METHODS AND ACTIONS TO INCREASE THE SAFETY OF OPERATION IN POWER SYSTEMS ASSIMILATED TO CRITICAL INFRASTRUCTURES

16:00-16:15 Stefan Simion

DESIGN CONSIDERATIONS ON FLAT AND LOW RIPPLE REAL-TO-REAL TWO-SECTION IMPEDANCE TRANSFORMER

16:15-16:30 Dumitru Cazacu, Radu Jubleanu, Nicu Bizon and Cristian Monea
COMPARATIVE NUMERICAL ANALYSIS OF THE STORED MAGNETIC ENERGY IN CYLINDRICAL AND TOROIDAL SUPERCONDUCTING MAGNETIC COILS

16 :30-16:45 Mihaela Cornelia Novac, Marius Codrean, Ovidiu Constantin Novac, Mihaela Codrean, Mihai Oproescu and Gyöngyi Bujdosó

THE NUMERICAL MODELING OF THE INDUCTIVE HEATING PROCESS AT DIFFERENT FREQUENCIES, USING THE FLUX2D SOFTWARE

16:45-17:00 Mircea Gordan, Dorina Mioara Purcaru, Marius Codrean, Mihaela Cornelia Novac, Ovidiu Constantin Novac and Mihaela Codrean

ASPECTS REGARDING THE NUMERICAL SIMULATION OF THE INDUCTIVE HEATING PROCESS, USING THE FLUX2D AND FEMM SOFTWARE

June 27, 15:30-17.00, Electronic Circuits & Equipment - I room C

Chairs: Dorel Aiordachioaie, Adrian Tulbure

15:30-15:45 Cristian Monea and Nicu Bizon

THE USE OF NUCLEAR QUADRUPOLE RESONANCE SPECTROSCOPY FOR DETECTION OF PROHIBITED SUBSTANCES: TECHNIQUES AND EQUIPMENT

15:45-16:00 Ovidiu Plugariu, Lucian Petrica, Radu Pirea and Radu Hobincu
HADOOP ZEDBOARD CLUSTER WITH GZIP COMPRESSION FPGA ACCELERATION

16:00-16:15 Zeynep Bala Duranay and Hanifi Guldemir
SIMULATION OF POWER FACTOR CORRECTED AC-DC BOOST
CONVERTER

16:15-16:30 Dorel Aiordachioaie and Sorin Pavel
QUALITATIVE ANALYSIS OF THE TIME-FREQUENCY IMAGES OF
VIBRATIONS IN FAULTY BEARINGS

16:30-16:45 Adrian Tulbure, Calin Petrascu and Valentin Voiculescu
EXPERIMENTAL POWER SUPPLY ASSESSMENT FOR USUAL IT
APPLICATIONS

16:45-17:00 Gaudentiu Varzaru, Adrian Zarnescu, Razvan Ungurelu and Mihai Secere
DISMANTLING THE CONFUSION BETWEEN THE EQUIVALENT CO₂ AND
CO₂ CONCENTRATION LEVELS

June 27, 15:30-17.00, Software & Computer Applications - I, room D

Chairs:

15:30-15:45 Andrei Marius Avram, Mihai Lica Pura and Stefan-Adrian Toma
TINY NETWORK INTRUSION DETECTION SYSTEM WITH HIGH
PERFORMANCE

15:45-16:00 Andreea Scurtu and Mihai Lica Pura
WEB GUI FOR AUTOMATING THE FORMAL VERIFICATION OF SECURITY
PROTOCOLS USING CASPER&FDR4

16:00-16:15 Gozde Karatas, Onder Demir and Ozgur Koray Sahingoz
A DEEP LEARNING BASED INTRUSION DETECTION SYSTEM ON GPUS

16:15-16:30 Imad Ali Hasson, Nicolae Tapus and Algayar Sarmad Monadel S
ENABLING THE INTEGRATION OF HEALTH-EMERGENCY ALERT WITH
PRIVACY OF PATIENTS' LOCATION BASED SERVICES

16:30-16:45 Sarmad Monadel Sabree Algayar, Nicolae Goga, Imad Ali Hassoon and
Mohammed Tali Qasim Almalchy
MEDICAL SOCIAL MEDIA SYSTEMS – IMPLEMENTATION OF THE
ANDROID APPLICATION

16:45-17:00 Adriana Alexandru, Dora Coardos and Eleonora Tudora
ACCEPTANCE OF THE TECHNOLOGIES DEPLOYED FOR THE
DEVELOPMENT OF ONLINE PUBLIC SERVICES AND SYSTEMS USED BY
ELDERLY

June 27, 15:30-17:00, Communication room E

Chairs: Razvan Andrei Gheorghiu, Valentin Alexandru Stan

15:30-15:45 Roxana Dragomir, Sergiu Benjamin Măluțanand Marilena Lazăr
AN ANALYSIS OF CRYPTOGRAPHIC ALGORITHM STRENGTH BASED ON S-
BOX PROPERTIES

15:45-16:00 Valentin-Alexandru Vladuta, Ion Bica and Victor-Valeriu Patriciu
ENERGY EFFICIENT TRUST-BASED SECURITY MECHANISM FOR
WIRELESS SENSORS AND UNMANNED AERIAL VEHICLES

16:00-16:15 Özlem Alpergün, Selçuk Taşcıoğlu and Memduh Köse

PERFORMANCE ANALYSIS OF TRANSMITTER IDENTIFICATION BASED ON I/Q IMBALANCE ESTIMATION

16:15-16:30 Florin Diaconescu

BLIND DETECTION OF IMPULSE RADIO UWB TIME- HOPPING PULSES USING THE PHASE SPACE TRANSFORMATION

16:30-16:40 Valentin Iordache, Razvan Andrei Gheorghiu, Valentin Alexandru Stan and Madalina Tarla

ZIGBEE LOCALIZATION SYSTEM FOR PUBLIC TRANSPORT VEHICLES

16:40-16:50 Razvan Andrei Gheorghiu, Valentin Iordache and Marius Minea

ASSESSMENT OF ZIGBEE COMMUNICATIONS EFFICIENCY FOR TRUCK PLATOONING APPLICATIONS

16:50-17:00 Razvan Andrei Gheorghiu, Valentin Alexandru Stan, Valentin Iordache and Dorin Buretea

USAGE OF BLUETOOTH SCANNERS TO DETECT URBAN TRAFFIC

June 27, 15:30-18:00, Poster session I

“Poster Hall

Chairs: Petre Anghelescu, Nicu Bizon

Xavier Quinn

SINGLE SENSOR BLUETOOTH MULTILATERATION FROM ARBITRARY LOCATIONS

Cristina Teodora Balaceanu, Daniela Penu and Dorina Mocuta

THE IMPACT OF TECHNOLOGY AND INNOVATION DEVELOPMENT ON POPULATION DYNAMICS AND STRUCTURE

Teodorescu Rodica-Mihaela

VIRTUAL INSTRUMENT USED FOR PLOTTING THE ROOT LOCUS

Teodorescu Rodica-Mihaela

VIRTUAL INSTRUMENT USED FOR STUDYING THE STABILITY OF THE SYSTEMS

Ioana Marcu, George Suci, Cristina Mihaela Balaceanu and Alexandru Banaru

IOT BASED SYSTEM FOR SMART AGRICULTURE

Kareem Difar, Jalal Hussein Abd Ali, Amer Abbood Al-Behadili, Maysam Kadhim

Kareem, Ali Raad Deaim and Mustafa Khaleel Hamadani

INVESTIGATION OF THE DIFFERENT MODELS PERFORMANCE FOR EVALUATING THE DISTURBANCE IN THE IONOSPHERE

Banes Vasile, Babarada Florin and Ravariu Cristian

CONVERSION TOOL FOR AUDIO-VIDEO FILE COMPATIBILITY IN MOODLE E-LEARNING PLATFORM

George Cosmin Stanica and Petre Anghelescu

MANAGEMENT SOFTWARE FOR A PUBLISHING COMPANY

Sîrb Vali-Chivuța

SOFTWARE FOR MODELING, SIMULATION AND PROTOTYPING RTT ROBOTS

Mihai-Catalin Arva, Eugen Diaconescu, Mirel Stanica and Nicu Bizon

A REVIEW OF DIFFERENT ESTIMATION METHODS OF DC OFFSET VOLTAGE FOR PERIODIC-DISCRETE SIGNALS

Alexandru Buturuga, Rodica Constantinescu and Dan Stoichescu
CURRENT CONSUMPTION ANALYSIS FOR 8-BIT MICROCONTROLLERS
Cristian Iorga and Victor-Emil Neagoe
A DEEP CNN APPROACH WITH TRANSFER LEARNING FOR IMAGE
RECOGNITION
Noor Naeem and Musa Wali
DESIGN AND ANALYSIS OF A NEW G-SHAPE SINGLE LAYER
REFLECTARRAY ANTENNA
Angelo Nicolae Petre, Brana Liliana Samoila and Ilie Utu
SOLUTION TO CONNECT A PHOTOVOLTAIC POWER STATION TO THE
NATIONAL POWER GRID IN OPTIMUM ECONOMIC CONDITIONS

June 27, 15:30-17:00, E –session I

E –session room

Chairs: Mihai Oproescu

15:30-15:40 Bashar Sami and Marwa Ismail
INTELLIGENT ALARM SYSTEM FOR HOSPITALS USING SMARTPHONE
TECHNOLOGY

15:40-15:50 Irum Matloob and Shoab Khan
A FRAMEWORK FOR FRAUD DETECTION IN GOVERNMENT SUPPORTED
NATIONAL HEALTHCARE PROGRAMS

15:50-16:00 Eravatee Raje, Apoorva Maheshwari, Mihir Karkare and Shubham Joshi
SHRAVYA - A FRAMEWORK FOR ENUNCIATION OF SANSKRIT WORDS
AND PHRASES

16:00-16:10 Amit Kumar and Neetesh Gupta
A NOVEL SENTIMENT POLARITY AND PREDICTION ENHANCED MACHINE
LEARNING METHOD TO IMPROVE CUSTOMER RELATIONSHIP

16:10-16:20 Radu Rădescu and Rareș Niculescu
INTELLIGENT MONITORING OF VITAL PARAMETERS IN WIRELESS
APPLICATIONS: ANDROID SOLUTION FOR PULSE AND BODY
TEMPERATURE

16:20-16:30 Radu Rădescu and Mihaela Dragu
AUTOMATIC ANALYSIS OF POTENTIAL HAZARD EVENTS USING
UNMANNED AERIAL VEHICLES

16:30-16:40 Dong Chen, Ruqiao Xu and Bo Han
PATCH SELECTION DENOISER: AN EFFECTIVE APPROACH DEFENDING
AGAINST ONE-PIXEL ATTACKS

16:40-16:50 Hiba A. Abu-Alsaad
AGENT APPLICATIONS IN E-LEARNING SYSTEMS AND CURRENT
DEVELOPMENT AND CHALLENGES OF ADAPTIVE E-LEARNING SYSTEMS
16:50-17:00 Andreea Nedelcu, Bogdan Nedelcu, Alexandru Ioan Sgarciu and Valentin
Sgarciu
MINING DATA FOR HUMAN RESOURCES

June 27, 19:00-21:00:

Cultural program & ECAI Dinner

Friday, June 28, 2019

**June 28, 09:30-11:00, ECAI KEYNOTE LECTURES II,
keynote room (Senate Aula)**

Chairs: Radu-Emil Precup and Serban Gheorghe

09:30-10:10, Constantin Vertan

UNEXPECTED APPLICATION-SPECIFIC DIGITAL IMAGE ACQUISITION
ERRORS

10:10-10:50, Slim Tnani

HYBRID SYSTEMS FOR ELECTRICAL GENERATION WITH ENERGY
STORAGE

11:00-11:30 Coffee break, Discussions and Brokerage events



June 28, 11:00-14:00 ECAI morning sessions

June 28, 11:30-14:00, ECAI sessions

June 28, 11:30-14:00, ECAI workshops

June 28, 13:00-14:00, ECAI Poster and E-sessions

**June 28, 11:30-14:00, Communication session and
the Round Table: 5G and Machine To Machine (M2M) Cyber
Security Challenges for the Automotive Industry
room A**

Chairs: Mariana Jurian, Ioan Lita, Daniel Visan

11:30-12:00 Ioan Constantin, Cristian Patachia, Carmen Patrascu, Andrei Avadanei
and Lucian Nitescu

THREAT CLASSIFICATION IN CURRENT COMMUNICATION
INFRASTRUCTURES

12:00-12:15 Anas Al-Roubaiey and Hamdi Al-Jamimi

ONLINE POWERTOSSIM SIMULATOR FOR WIRELESS SENSOR
NETWORKS

12:15-12:30 Andrei Scheianu and George Suci

HYBRID VLC COMMUNICATION SYSTEM FOR SMALL TO MEDIUM SIZE
ENTERPRISES

12:30-12:45 Cristina-Gabriela Gheorghe, Radu Dragomir and Dan Alexandru
Stoichescu

MASSIVE MIMO TECHNOLOGY FOR 5G ADAPTIVE NETWORKS

12:45-13:00 Hasan Tahsin Oğuz, Aykut Kalaycıoğlu and Ahmet Akbulut
FEMTOCELL OUTAGE DETECTION IN MULTI-TIERED NETWORKS USING
LSTM

13:00-13:15 Mustafa Khaleel Hamadani and Husam Al-Alwash

CENTRALISED MULTI-HOP ROUTING FOR DEVICE-TO-DEVICE
COMMUNICATION: SIMULATION AND RESULTS

13:15-13:30 Ionela-Cristina Voicu, Silviu Ciochină and Andrei Anghel
A METHOD FOR IMPROVING THE ACCURACY OF DIRECTION OF
ARRIVAL MEASUREMENT BASED ON SPARSE VECTOR ESTIMATION

13:30-14:00 **Round Table organized by Orange – ECAI partner**

5G and Machine To Machine (M2M) Cyber Security Challenges for the Automotive Industry

June 28, 11:30-14.00, Expert systems & Artificial Intelligence, room B

Chairs: Gheorghe Gavriiloaia, Ionita Silviu

11:30-11:45 Hamdi Al-Jamimi and Anas Al-Roubaiey
HYBRID MODELLING BASED ON SUPPORT VECTOR REGRESSION WITH
GENETIC ALGORITHMS FOR INTELLIGENT WI-FI-BASED INDOOR
LOCALIZATION SYSTEM

11:45-12:00 Qixin Xie, Chao Li, Boyu Diao, Zhulin An and Yongjun Xu
L0 REGULARIZATION BASED FINE-GRAINED NEURAL NETWORK
PRUNING METHOD

12:00-12:15 Armando Fernandes, Márcia Baptista, Luis Fernandes and Paulo Chaves
DRONE, AIRCRAFT AND BIRD IDENTIFICATION IN VIDEO IMAGES USING
OBJECT TRACKING AND RESIDUAL NEURAL NETWORKS

12:15-12:30 David-Traian Iancu, Alexandru Sorici and Adina Magda Florea
OBJECT DETECTION IN AUTONOMOUS DRIVING - FROM LARGE TO
SMALL DATASETS

12:30-12:45 Marian Novac, Bogdan Marian Bodea, Petre Anghelescu, Bogdan Mihai Gavriiloaia, Octavian Fratu and Mariuca Gavriiloaia
JAPANESE CHARACTER RECOGNITION WITH MICROSTRIP LINE
NETWORKS

12:45-13:00 Adam Craig, Adarsh Ambati, Shiladitya Dutta, Pooja Kowshik, Sathvik Nori, S. Koby Taswell, Qiyuan Wu and Carl Taswell
DREAM PRINCIPLES AND FAIR METRICS FROM THE PORTAL-DOORS
PROJECT FOR THE SEMANTIC WEB

13:00-13:15 Vladyslav Alieksieiev and Andrii Berko
ARTIFICIAL LOCUST SWARM ROUTING ALGORITHM: DECISION MAKING
IN PATH SEARCH PROBLEM

13:15-13:30 Maria Viorela Muntean
CAR PARK OCCUPANCY RATES FORECASTING BASED ON CLUSTER
ANALYSIS AND KNN IN SMART CITIES

13:30-13:45 Vitaly Gnatyuk, Sergey Zavalishin, Xenya Petrova, Gleb Odinkikh, Alexey Fartukov, Alexey Danilevich, Vladimir Eremeev, Juwoan Yoo, Kwanghyun Lee, Heejun Lee and Daekyu Shin
FAST AUTOMATIC EXPOSURE ADJUSTMENT METHOD FOR IRIS
RECOGNITION SYSTEM

13:45-14:00 Marius Minea, Catalin Dumitrescu and Ionuț Cosmin Chiva
UNCONVENTIONAL PUBLIC TRANSPORT ANONYMOUS DATA
COLLECTION EMPLOYING ARTIFICIAL INTELLIGENCE

June 28, 11:30-14.00, Software & Computer Applications - II, Room C

Chairs: Petre Anghelescu, Cosmin Stirbu, Corina Savulescu

11:30-11:45 Petru Cardei, Sebastian Muraru, Raluca Sfiru and Vergil Muraru
IDENTIFICATION OF CORRESPONDENTS BETWEEN A STANDARD SERIES COLLECTION AND AN EXPERIMENTAL SERIES COLLECTION

11:45-12:00 Marilena Ianculescu, Ovidiu Bica, Alexandru Balog and Irina Cristescu
SMART CITIZEN – A PARTICIPATORY CO-CREATOR FOR ENHANCING ONLINE PUBLIC SERVICES

12:00-12:15 Marilena Ianculescu, Lidia Bajanaru, Ion Alexandru Marinescu and Ciprian Dobre

INTELLIGENT SOLUTIONS - BASED FRAMEWORK FOR DIGITAL PUBLIC SERVICES. A CASE STUDY FOR SMART TRANSPORTATION

12:15-12:30 Diana-Andreea Arsene, Bogdan-Ionut Pahontu and Valentin-Alexandru Vladuta

MODELING ECONOMIC INFLUENCE ON TECHNICAL DECISIONS IN URBAN, IOT-BASED WATER MANAGEMENT SYSTEMS

12:30-12:45 Hakkı Ilgin, Ahmet Akbulut and Aykut Kalaycıoğlu
IMAGE AND VIDEO COMPRESSION ARTIFACT REDUCTION AT LOW BIT RATES USING LOCAL COSINE TRANSFORM IN CONJUNCTION WITH SIGNIFICANCE MAP CODING

12:45-13:00 Miruna Elena Trufasila and Petre Anghelescu
BIOMETRIC SYSTEM BASED ON FACIAL RECOGNITION

13:00-13:15 Ioan Alexandru Bratosin, Ionel-Bujorel Păvăloiu, Andrei Vasilăţeanu, Diana Gavajiuc, George Drăgoi and Nicolae Goga
PAIN RELIEF USING VIRTUAL REALITY

13:15-13:30 Cristian Mocanu and George Suciu
AUTOMATIC RECOGNITION OF HAND GESTURES

13:30-13:45 Loredana Chiva and George Suciu
NUMBER-PLATE RECOGNITION AND EXAMINATION OF REQUIREMENTS FOR PUBLIC ROMANIAN ROADS USAGE

June 28, 11:30-14:00, Control, robotics and mechatronics room D

Chairs: Ibrahim Sefa, Robert Beloiu, Ionel Bostan

11:30-11:45 Ekrem Yavuz, Yavuz Şenol, Merih Özçelik and Hüseyin Aydın
DESIGN OF A STRING-ENCODER AND IMU BASED 6D POSE MEASUREMENT SYSTEM

11:45-12:00 Ibrahim Sefa and Cihan Aydin
FPGA IMPLEMENTATION OF MULTICHANNEL FIR FILTERS

12:00-12:15 Hadeer Ahmed, Gehad Alkady, Hassan Halawa, Ramez Daoud, Hassanien Amer, Ihab Adly, Tarek Refaat and Manar Shaker
RELIABLE FPGA-BASED CAMERA SENSOR FOR NCS

12:15-12:30 Mehmet Karahan and Cosku Kasnakoglu

MODELING AND SIMULATION OF QUADROTOR UAV USING PID CONTROLLER

12:30-12:45 Cristian Patrascioiu and Sinziana Marasescu

MODELLING AND CONTROL OF PAPER DRYING PLANT

12:45-13:00 Kareem Alansary, Ramez Daoud, Hassanein Amer and Hany Elsayed

NETWORKED CONTROL SYSTEM ARCHITECTURE FOR AUTONOMOUS UNDERWATER VEHICLES WITH REDUNDANT SENSORS

13:00-13:15 Tudor - George Alexandru and Cristina Pupaza

AN APPROACH FOR ESTIMATING THE TOTAL HEAT TRANSFER RATES IN EMBEDDED SYSTEMS

13:15-13:30 Manuella Kadar and Daniela Onita

A DEEP CNN FOR IMAGE ANALYTICS IN AUTOMATED MANUFACTURING PROCESS CONTROL

13:30-13:45 Stan Alexandru-Calin and Oprea Mihaela

A CASE STUDY OF MULTI-ROBOT SYSTEMS COORDINATION USING PSO SIMULATED IN WEBOTS

June 28, 11:30-14.00, Workshop IWTOTC room E

Chairs: Maria Pescaru, Stan Maria Magdalena

11:30-11:45 Ufuoma Apoki and Gloria Crisan

EMPLOYING SOFTWARE AGENTS AND CONSTRUCTIVISM TO MAKE MASSIVE OPEN ONLINE COURSES MORE STUDENT-ORIENTED

11:45-12:00 Claudiu Langa, Sofia-Loredana Tudor, Adriana-Nicoleta Lazăr and Emanuel Soare

A COMPARATIVE ANALYSIS OF STAFF TRAINING PROGRAMMES

12:00-12:15 Alexandru Mărchidan

MORE TECHNOLOGIZED IS NOT MORE EDUCATED

12:15-12:30 Elena Popescu and Tudorel Popescu

NONVERBAL CUMMUNICATION IN JOB INTERVIEWES. A CASE STUDY ON LOCAL ORGANISATIONS

12:30-12:45 Florin Stoica

TENDENCY OF REMOVAL OF THE MEDIA FROM OFFICIAL COMMUNICATION OF PUBLIC INSTITUTIONS

12:45-13:00 Ioana Dumitru

THE ROLE OF EDUCATION IN THE DEVELOPMENT OF PSYCHO-BEHAVIORAL SANOGENESIS MODELS IN CONTEMPORARY SOCIETY

13:00-13:15 Maria Pescaru and Cristina Maria Pescaru

IMPLEMENTATION OF THE EUROPEAN QUALITY ASSESSMENT FRAMEWORK IN THE ROMANIAN EDUCATION SYSTEM

13:15-13:30 Maria Pescaru

THE NATIONAL QUALITY ASSURANCE SYSTEM IN ROMANIA

13:30-13:45 Sofia-Loredana Tudor

THE COMPETENCE OF LEARNING TO LEARN– AN INDICATOR OF EMPLOYABILITY IN THE LABOR MARKET

13:45-14:00 Stan Maria Magdalena and Plaiasu Adriana Gabriela

DETERMINANTS OF LEARNING MOTIVATION FROM THE PERSPECTIVE
OF SELF DETERMINATION THEORY

**June 28, 11:30-14:00, Workshop Renewable Hybrid Power System,
room F**

Chairs: Florentina M. Enescu, Raboaca Maria Simona, Marian Raducu, Nicu Bizon

11:30-11:45 Zeynep Bala Duranay and Hanifi Guldemir

MODELLING AND SIMULATION OF A SINGLE PHASE STANDALONE PV
SYSTEM

11:45-12:00 Saloua Marhraoui

FUZZY SLIDING MODE HYBRID CONTROL MPPT STRATEGY AND PI
CONTROL AS A CONTROLLER FOR A BATTERY INTEGRATED WITH PV
SYSTEM

12:00-12:15 Onur Kircioğlu, Murat Ünlü and Sabri Çamur

THE PSO BASED GLOBAL MAXIMUM POWER POINT TRACKER

12:15-12:30 Slim Tnani

HYBRID SYSTEMS FOR ELECTRICAL GENERATION WITH ENERGY
STORAGE

12:30-12:45 Ovidiu Ivanov, Bogdan Constantin Neagu, Gheorghe Grigoras and
Mihai Gavrilas

CAPACITOR BANKS PLACEMENT OPTIMIZATION IMPROVEMENT USING
THE SPERM WHALE ALGORITHM

12:45-13:00 Florentina Magda Enescu, Nicu Bizon and Cosmin Stirbu

SMART ENERGY GRIDS USED IN IRRIGATION SYSTEMS USING THE
BLOCKCHAIN APPLICATIONS

13:00-13:15 Florentina Magda Enescu, Nicu Bizon and Valeriu Manuel Ionescu

USE OF BLOCKCHAIN TECHNOLOGY IN IRRIGATION SYSTEMS OF
SMALL FARMERS' ASSOCIATION

13:15-13:30 Marian Raducu

A SIMPLE METHOD OF MODELING THE PV CELL FROM A SINGLE
CURRENT-VOLTAGE CURVE

13:30-13:45 Dorin Leț, Bogdan Ionuț Tene, Adela-Gabriela Husu, Mihail-Florin Stan
and Laurentiu Marian Stancu

FEASIBILITY OF A MICRO GRID SCALE UP AT CAMPUS LEVEL - CASE
STUDY

13:45-14.00 Lavric Alexandru, Raboaca Maria Simona, Filote Constantin and
Nasture Ana Maria

PROTON-EXCHANGE MEMBRANE FUEL CELLS: THE RENEWABLE
ENERGY ERA

June 28, 11:30-14:00, E –session II

E –session room

Chairs: Mihai Oproescu

11:30-11:40 İbrahim Tozlu, Şule Gündüz Ögüdücü, Atılberk Çelebi, Sacide Kalaycı and Seçil Arslan

ACCELERATING BALANCE SHEET ADJUSTMENT PROCESS IN COMMERCIAL LOAN APPLICATIONS WITH MACHINE LEARNING METHODS

11:40-11:50 Meina Song, Zhongfu Chen, Peiqing Niu and Haihong E

BUILDING END-TO-END TASK-ORIENTED DIALOGUE SYSTEMS VIA CNNs AND ATTENTION MECHANISMS

11:50-12:00 Saja Al-Dabet and Shaidah Jusoh

USABILITY EVALUATION OF IPHONE BUILT-IN APPLICATIONS

12:00-12:10 Aimen Shahid, Mahroo Ali, Mariam Eijaz, Dr.Sidra Minhas and Nosheen Sabahat

SHIELD: AN INTELLIGENT AND AFFORDABLE SOLUTION FOR HOME SECURITY

12:10-12:20 Loubna El Amrani, Tomader Mazri and Nabil Hmina

PROPAGATION MODELS APPROACH FOR HUMAN SPECIFIC ABSORPTION RATE STUDY

12:20-12:30 Alexandru Lavric, Valentin Popa, Cristina David and Cristian Costel Paval

KERATOCONUS DETECTION ALGORITHM USING CONVOLUTIONAL NEURAL NETWORKS: CHALLENGES

12:30-12:40 Lucian Trifina, Daniela Tarniceriu and Ana-Mirela Rotopanescu

NONLINEARITY DEGREE FOR CPP, 4-PP, AND 5-PP INTERLEAVERS FOR TURBO CODES

12:40-12:50 Delia Duminica

PROFESSIONAL TRAINING OF STAFF FROM ORGANIZATIONS THROUGH THE GROW METHOD

12:50-13:00 Aurel Mihail Titu and Alexandru Stanciu

HUMAN AND ARTIFICIAL INTELLIGENCE: THE PARTNERSHIP THAT IMPARTS HOPE

13:00-13:10 Olga Untila Kaplan

DETERMINANTS OF LEARNING MOTIVATION FROM THE PERSPECTIVE OF SELF DETERMINATION THEORY

13:10-13:20 Soraya Chalard and Sukree Sinthupinyo

CONSTRUCTING KEYWORD PROPAGATION MAP OF FACEBOOK PAGES

13:20-13:30 Doina Banciu, Ionut Petre and Mihail Dumitrache

ELECTRONIC SYSTEM FOR ASSESSING AND ANALYSING DIGITAL COMPETENCES IN THE CONTEXT OF KNOWLEDGE SOCIETY

June 28, 11:30-14:00, Poster session II

Poster Hall

Chairs: Luminita-Mirela Constantinescu, Bogdan Cioc, Nicu Bizon

Mustapha Jamma, Abderrahim Bennassar, Mohammed Akherraz and Mihai Oproescu
AN IMPROVED MODEL DIRECT POWER AND TORQUE CONTROL OF PWM
RECTIFIER-INVERTER FED INDUCTION MOTOR DRIVE

Saloua Marhraoui, Ahmed Abbou, Zineb Cabrane, Abdellah Ziouh and Mustapha
Jamma

MAXIMUM POWER POINT TRACKING TECHNIQUES AND SUN TRACKING
TECHNIQUE IN SOLAR ARRAY SYSTEM

George Suciuc, Hussain Ijaz, Roxana Damian, Ioana Petre, Gabriel Petrescu and Oana
Chenaru

SMART SERVICE SYSTEMS: SECURITY AND PRIVACY CHALLENGES IN
THE INTERNET OF THINGS

Adriana Alexandru, Dragos Daniel Iordache, Maria Gheorghe-Moisii and Eugenia
Tirziu

A CASE STUDY IN THE USABILITY EVALUATION OF AN ONLINE PUBLIC
SERVICE USED BY SENIORS

Bogdan Constantin Neagu and Gheorghe Grigoras

UNCERTAINTY-BASED DECISION MAKING IN THE PLANNING OF
ELECTRIC TRANSMISSION NETWORKS

Petrica Ciotirnae and Lucian Murariu

PERFORMANCE EVALUATION OF THE VOIP NETWORKS USING
TUNNELING TECHNIQUES

Incze Arpad

PRELIMINARY CONSIDERATIONS REGARDING THE CRYPTOGRAPHIC
STRENGTH OF THE PIXEL SIEVE CRYPTOGRAPHIC PRIMITIVE

Alexandru Buturuga, Rodica Constantinescu and Dan Stoichescu

POWER MONITORING IN EMBEDDED SYSTEMS USING PAC1934

Cristian Pascariu and Ionut - Daniel Barbu

RANSOMWARE HONEYPOT

Tudor Cătălin Apostolescu, Silviu Petrache, Georgeta Ionașcu, Lucian Bogatu and
Cartal Laurențiu Adrian

ORIGINAL ELECTRIC CORKSCREW WINE BOTTLE OPENER

Alexandru Ene and Cosmin Stirbu

THE ESTIMATION OF MONTHLY ELECTRICAL ENERGY CONSUMPTION
WITH FEED FORWARD NEURAL NETWORKS

Alexandru Ene and Cosmin Stirbu

AUTOMATIC GENERATION OF QUIZZES FOR JAVA PROGRAMMING
LANGUAGE

Marian Bogdan Bodea, Petre Angheliescu, Bogdan-Mihai Gavrioloaia and Dragos-
Nicolae Vizireanu

DESIGN AND IMPLEMENTATION OF A HOME AUTOMATION SYSTEM

Florin-Ciprian Argatu, Florentin-Daniel Tarcau, Violeta-Vasilica Argatu, Sorin-Dan
Grigorescu, Bogdan-Adrian Enache and Luminita-Mirela Constantinescu

BUILDING AND DESIGNING A DUAL AXIS SOLAR TRACKER FOR
EDUCATIONAL PURPOSES

Felix-Constantin Adochiei, Razvan-Constantin Stefan, Ioana-Raluca Adochiei,

June 28, 15:30-17:00, **ECAI Afternoon sessions**

June 28, 15:30-18:00, ECAI Poster and E-sessions

June 28, 15:30-17:00, ECAI workshops

June 28, 17:00-18:00 Coffee break

June 28, 18:00-18:30, ECAI Closing Solemnity

June 28, 15:30-17:00, Workshop IWSSS

room A

Chairs: Emil Pricop, Octavian Ionescu

15:30-15:45 Yanis Beqqali, Hamza Es Sadik, Francine Herrmann and Fabrice Sabatier

MALWARE'S DOUBLE ANTI ANALYSIS (DAA) ANALYSIS METHODOLOGY

15:45-16:00 Hidenobu Oguri

A METHOD OF DECREASING CONNECTABILITY OF DERIVED DATA, USING LOCAL DIFFERENTIAL PRIVACY

16:00-16:15 Nicolas Ferry, Thomas Hackenheimer, Francine Herrmann and Alexandre Tourette

METHODOLOGY OF DARK WEB MONITORING

16:15-16:30 Balduino Estison Mugilila Camachi, Dan Popescu and Loretta Ichim
SMART GRID PROTECTION USING MAC VALUE ANALYSIS

16:30-16:40 Terézia Mézešová, Pavol Sokol and Tomáš Bajtoš

EVALUATION OF ATTACKER SKILL LEVEL FOR MULTI-STAGE ATTACKS

16:40-16:50 Laurențiu Gabriel Militaru, Dan Popescu and Loretta Ichim
SPECTRUM OPTIONS AND WIRELESS COMMUNICATION SOLUTIONS FOR DRONES

16:50-17:00 Octavian Ionescu, Viorel Dumitru, Emil Pricop, Octavian Buiu, Cornel Cobianu, Mihai Raneti, Stefan Pircalabu and Costin Marica

ON THE DEVELOPMENT OF A ROBUST CYBER SECURITY SYSTEM FOR INTERNET OF THINGS DEVICES

June 28, 15:30-17:00, Workshop OCSC

room B

Chairs: Sorin Puscoci, Ioan Lita, Daniel Visan

15:30-15:45 Niculina Draghici

THE EFFECT OF BOUNDARY CONDITIONS AND MATERIAL PARAMETERS ON THE TEMPERATURE OF HIGH POWER LEDS

15:45-16:00 Ana Barar, Alina Elena Marcu, Paul Schiopu and Marian Vladescu

DESIGN OF AN LED-BASED SOLAR SPECTRUM SIMULATOR FOR PORPHYRIN DYE-SENSITIZED SOLAR CELL CHARACTERIZATION

16:00-16:15 Aurelian Costea, Paul Schiopu and Marian Vladescu

TUNABLE SELECTIVE PLASMONIC ANGLE-LARGE METAMATERIAL

ABSORBER

16:15-16:30 Cornel Barbut

NEXT LEVEL FOR FIBER OPTIC PROJECTS DEPLOYMENTS

**June 28, 15:30-17:00, Workshop IWAE + RAFNCT
room C**

Chairs: Zdzislaw Polkowski, Pradeep Kumar Singh

15:30-15:45 Pradeep Kumar Singh, Yashwant Singh, Jahangir Ahmad Lone,
Zdzislaw Polkowski, Sudeep Tanwar and Sudhanshu Tyagi

DEPLOYMENT AND COVERAGE IN WIRELESS SENSOR NETWORK: A
PERSPECTIVE

15:45-16:00 Pradeep Kumar Singh, Zdzislaw Polkowski, Jayneel Vora, Sudeep
Tanwar, Sudhanshu Tyagi and Yashwant Singh

MACHINE LEARNING-BASED SOFTWARE EFFORT ESTIMATION : AN
ANALYSIS

16:00-16:15 Muhammed Ihsan Husni

PERFORMANCE OF VARIOUS ALGORITHMS TO REDUCE THE NUMBER
OF TRANSMITTED PACKETS BY SENSOR NODES IN WIRELESS SENSOR
NETWORK

16:15-16:30 Thitimanan Damrongsakmethee and Victor-Emil Neagoe

A NEURAL NARX APPROACH FOR EXCHANGE RATE FORECASTING

16:30-16:45 Vasile-Gabriel Iana, Cristian Monea and Mihai Oproescu

THE USE OF THE CLONAL SELECTION ALGORITHM FOR NQR SIGNAL
DETECTION OPTIMIZATION

16:45-17:00 Mihai Oproescu, Vasile-Gabriel Iana and Cristian Monea

ICATION OF GENETIC ALGORITHM FOR OPTIMIZATION OF NQR SIGNAL
DETECTION

**June 28, 15:30-17:00, Poster session IWTOTC
“Poster Hall**

Chairs: Sofia-Loredana Tudor, Georgiana Dumitru

Jianu Eugenia, Mihai Oproescu and Dumitru Tudosoiu

ROMANIAN PRE-UNIVERSITY EDUCATION FROM THE PERSPECTIVE OF
SCHOOL MANAGEMENT

Mihai Oproescu, Eugenia Jianu, Ionut Bulgaru and Delia Duminica

SCHOOL AND PROFESSIONAL ORIENTATION TO ADOLESCENTS

Georgiana Drăghici

MEDIA, PUBLIC OPINION AND THE CONTEMPORARY COMMUNICATION

Mihai Oproescu, Vasile-Gabriel Iana, Eugenia Jianu and Mihaela-Roxana Anghel

E-LEARNING IN COMPUTER-ASSISTED TRAINING, ADVANTAGES,
DISADVANTAGES AND FUTURE TRENDS

Georgiana Dumitru and Ana Apetroaiei

FACTORS INFLUENCING THE SCHOOL AND PROFESSIONAL

ORIENTATION OF HIGH SCHOOL STUDENTS IN ARGES COUNTY

Georgiana Dumitru

IMPLEMENTATION OF THE EUROPEAN QUALITY ASSESSMENT
FRAMEWORK IN THE ROMANIAN EDUCATION SYSTEM

Maria Claudia Ionescu and Andreea Stan

THE COMPETENCE OF LEARNING TO LEARN– AN INDICATOR OF
EMPLOYABILITY IN THE LABOR MARKET

Florin Tecau and Cristina Tecău

THE ENGINEER PROFESSOR, A NEW GULLIVER TRAVELLING THROUGH
THE UNIVERSE OF THE METHODS

Maria Claudia Ionescu and Lucia Neagoe

JOB PERCEPTIONS AND TRAINING NEEDS OF SOCIAL WORKERS FROM
RURAL AREAS - COMPARATIVE RESEARCH IN SEVEN EUROPEAN
COUNTRIES

Cîrstea Petre Remus

THE FULLDOME DOCUMENTARY FILM IN THE CONTEMPORARY MEDIA
AND EDUCATIONAL CONTEXT -GENERAL CONSIDERATIONS

June 28, 15:30-18:00, Poster session III

“Poster Hall

Chairs: Mihaela Teodorescu, Adrian Iordachescu, Nicu Bizon

Enescu Alexandru, Andrei Horia, Diaconu Emil and Ion Valentin

NUMERICAL METHOD FOR MODELING THE INPUT-OUTPUT
CHARACTERISTIC IN A COGENERATION POWER PLANT

Marius Alexandru Dinca, Nicoleta Angelescu, Radu Dragomir, Dan Constantin
Puchianu and Ion Caciula

DIGITAL MEDIA DISTRIBUTION PLATFORM USING AMAZON WEB
SERVICES

Mironela Pirnau, Radu Mircea Carp Ciocardia, Claudiu Pirnau, Liviu Daniel
Ghiculescu and Niculae Marinescu

THE IDENTIFICATION OF INTELLIGENT INTERACTIONS BETWEEN
EDUCATION AND LABOUR FORCE MARKET

Daniel Marius Marcu, Florin Gabriel Popescu, Brana-Liliana Samoila, Razvan Ioan
Slusariuc and Titu Niculescu

PERFORMANCE IMPROVEMENT OF A PHOTOVOLTAIC SYSTEM USING A
PROGRAMMABLE MICROCONTROLLER

Gheorghe Serban and Florentina Magda Enescu

DYNAMIC WEB FOR EFFICIENT EDUCATIONAL MANAGEMENT

Florentina Magda Enescu, Gheorghe Serban and Mariana Jurian

WEB PLATFORM FOR E-LEARNING

Valeriu Manuel Ionescu and Elena-Carmen Tentea

ONLINE QUIZ IMPLEMENTATION USING BLOCKCHAIN TECHNOLOGY
FOR RESULT TEMPERING PREVENTION

Ovidiu Constantin Novac, Iulian-Ioan Mureșan, Mihaela Cornelia Novac, Mircea
Petru Ursu, Mihai Oproescu and Camelia Maria Dindelegan

DEVELOPMENT OF A WEATHER MOBILE APPLICATION IN ANDROID

STUDIO OPERATING SYSTEM

Eugen Pop and Sorin Puscoci

OVERVIEW OF E-SERVICES PROVIDING IN SMART CITIES

Ovidiu Constantin Novac, Iulian-Ioan Mureşan, Mihaela Cornelia Novac, Mihai Oproescu, Cornelia Gordan and Gyöngyi Bujdosó

DEVELOPMENT OF A WEATHER APPLICATION IN ANDROID AND IOS OPERATING SYSTEMS

Laurentiu-Mihai Ionescu, Alin Gheorghita Mazare, Gheorghe Serban, Ioan Lita and Daniel Alexandru Visan

A SOLUTION TO IMPLEMENT GROVER QUANTUM COMPUTATION ALGORITHM USING THE BINARY REPRESENTATION OF THE PHASE ON THE FPGA

Ioan Lita, Daniel Alexandru Visan, Laurentiu Mihai Ionescu and Alin Gheorghita Mazare

COLOR-BASED SORTING SYSTEM FOR AGRICULTURE APPLICATIONS

Daniel Alexandru Visan, Mariana Jurian, Ioan Lita, Laurentiu Mihai Ionescu and Alin Gheorghita Mazare

DIRECT SEQUENCE SPREAD SPECTRUM COMMUNICATION MODULE FOR EFFICIENT WIRELESS SENSOR NETWORKS

Andrei Drumea, Robert Alexandru Dobre and Cristina Ioana Marghescu

THERMAL AND ELECTRICAL INVESTIGATION OF GRAPHENE-ENHANCED CONDUCTIVE POLYLACTIC ACID BASED FILAMENTS FOR 3D-PRINTING

Valeriu Manuel Ionescu, Manan Patel and Drashti Hindocha

ALTERNATIVES FOR RUNNING LINUX APPLICATIONS IN WINDOWS

17:00-18:00 Coffee break, Discussions and Brokerage events

ECAI CLOSING CEREMONY

June 28, 18:00-18:30, ECAI Closing Solemnity,
Aula Magna

Closing speeches

17:30-17:40 Mihai Oproescu, Program Chair of ECAI conference

17:40-18:00 Time of closing speeches for the ECAI participants

Saturday, June 29, 2019

9:00-17:00, ECAI trip

Departure at 9.00, June 29, from Hall (conference desk).

Arrival will be at about 17.00, June 29.

Participants' departure

Sunday, June 30, 2019

Participants' departure

End of ECAI conference actions

ECAI 2019, June 27 – June 29, 2019, Timetable and Program

Date	Time	Session or activity	Location	
June 27	20:30-22:00	Participants' arrival		
	8:00-8:50	Authors Registration	"CD" Poster Hall	
	9:00-9:45	ECAI Opening Ceremony	Aula Magna	
	9:45-12:15	ECAI KEYNOTE LECTURES I	Aula Magna	
	11:05-11:35	Coffee break	Poster Hall	
	12:15-14:00	Brokerage events	Poster Hall	
	14:00-15:30	Lunch	"R" – ECAI restaurant	
	15:30-17:00	ECAI Afternoon sessions		
		Bio-medical applications	Room A	
		Electrical engineering applications	Room B	
		Electronic Circuits & Equipment - I	Room C	
		Software & Computer Applications - I	Room D	
		Communication	Room E	
		Poster session I	Poster Hall	
		E-session	E – session room	
	17:00-17:30	Coffee break & Brokerage events	Poster Hall	
19:00-21:00	ECAI Dinner	"R" – ECAI restaurant		
June 28	9:00-9:30	Authors Registration	"CD" Poster Hall	
	9:30-11:00	ECAI KEYNOTE LECTURES II	Aula Magna	
	11:00-11:30	Coffee Break & Brokerage events	Poster Hall	
	11:30-14:00	ECAI morning sessions		
		Communication session and the Round Table: 5G and Machine To Machine (M2M) Cyber Security Challenges for the Automotive Industry	Room A	
		Expert systems & Artificial Intelligence	Room B	
		Software & Computer Applications - II	Room C	
		Control, robotics and mechatronics	Room D	
		Workshop IWTOTC	Room E	
		Workshop on Renewable Hybrid Power System (REW HPS)	Room F	
	13:00-14:00	Poster session II	Poster Hall	
	13:00-14:00	E-session II	E – session room	
	14:00-15:30	Lunch	"R" – ECAI restaurant	
15:30-17:00	ECAI Afternoon sessions			
	Workshop IWSSS	Room A		
	Workshop OCSC	Room B		
	Workshop IWAE + RAFNCT	Room C		
	Poster session IWTOTC	Poster Hall		
	Poster session III	E – session room		
17:00-18:00	Coffee Break & Brokerage events	Poster Hall		
18:00-18:30	ECAI Closing Solemnity	Room		
18.30-20.00	ECAI Dinner	"R" – ECAI restaurant		
20:00-23:00	Free time (shopping & sightseeing)			
June 29	9:00 – 17:00	ECAI Trip	Departure at 9.00, June 29, from parking; Arrival will be at about 17.00.	
June 29		Participants departure		

International Workshop in Systems Safety & Security – IWSSS; International Workshop in Applied Electronics – IWAE; International Workshop in Trends and Opportunities in Teaching Career – IWTOTC; International Workshop in Optical Communication Systems Connectivity OCSC; REW HPS - Workshop on Renewable Hybrid Power System; RAFNCT - Research Advancement in Forthcoming Networking and Communication Technologies ; "R" – ECAI restaurant

11th INTERNATIONAL CONFERENCE on
ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE

ECAI 2019, June 27 – June 29, 2019

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PAPERS PUBLISHING

The papers will be published in the ECAI proceedings, indexed in IEEE Xplore® and submitted to ISI Web of Knowledge databases.

The selected papers (up to 10%) will be sent to the appropriate IEEE IAS journals for publishing, after those papers will be further reviewed as normal.

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