



ICOEEE Presentation Schedule

| Day 1: Sunday: July 4, 2021 | |
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| Time : | 9:10am – 12:00 pm (Yemen/Mecca Time (GMT time + 3)) |
| Zoom link : | https://us02web.zoom.us/j/86170289022?pwd=MGJUU2xxUUU1eUxWZlpmS0hsTWxtZz09 |
| Meeting ID : | 861 7028 9022 |
| Passcode : | ICOTEN2021 |
| 8:10am – 9:00am | Session I: Opening Ceremony |
| 9:00am-9:10am | Break |
| Session II: Keynote Speeches | |
| Room 2 | |
| 9:10am – 9:50 am | Keynote Speaker I: Prof. Dr. Haitham Abu-Rub IEEE Fellow, Texas A&M University, Qatar Keynote title: <i>Renewable Energy Dominated Grid – Opportunities and Challenges</i> |
| 9:50am – 10:30 am | Keynote Speaker II: Prof. Dr. Marwan Dhamrin Specially Appointed Professor at Osaka University, Japan Keynote title: <i>Photovoltaics and World Energy Transition Outlook: Research and Development Opportunities</i> |
| 10:30 am – 10:40 am | Break |
| 10: 40 am – 11:20 am | Keynote Speaker III: Assoc. Prof. Dr. Muhammad Ramlee Kamarudin Universiti Tun Hussein Onn Malaysia (UTHM), Malaysia Keynote title: <i>Overview on 6G</i> |
| 11:20 am – 1:00 pm | Break |

| Session III: Paper Presentations | |
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| Room 2 | |
| 1:00 pm - 1:15 pm | <i>Anas Binshitwan, Seraj Keskeso, Abdulmunem Alquzayzi and Ahmed Elbarsha</i> 38GHz Rectangular Microstrip Antenna with DGS for 5G Applications. |
| 1:15 pm - 1:30 pm | <i>Mamunur Rashid, Nasir Algeelani, Samir A. Al-Gailani and Nohaidda Binti Sariff</i> Indoor Electrical Installation Design Layout Using IOT |
| 1:30 pm - 1:45 pm | <i>Alhusayn Yousuf, Seraj Elshwehdi and Ahmed Elbarsha</i> Analysis and Design Rectangular Microstrip Patch Antenna for LTE Terminals at 2.6 GHz |
| 1:45 pm - 2:00 pm | <i>Hamid Mohammed Qasem Rasheda and Qazwan Abdullah Tarbosh</i> Design of UWB Antenna for Microwave Imaging using Modified Fractal Structure |
| 2:00 pm - 2:15 pm | <i>Muniru Okelola, Sunday Salimon, Oluwole Adegbola, Emmanuel Ogunwole, Samson Ayanlade and Baruwa Aderemi</i> Optimal Siting and Sizing of D-STATCOM in Distribution System using New Voltage Stability Index and Bat Algorithm |
| 2:15 pm - 2:30 pm | <i>Abdulrahman Th. Mohammad, Zuhair S. Al-Sagar, Ali Nasser Hussain and Majid Khudair Abbas Al-Tamimi</i> Performance Analysis of 4.68 kWh Proposed Grid-Connected PV System in Iraq |
| 2:30 pm - 2:45 pm | <i>Meryem Benakcha, Abdelhamid Benakcha, Salah Eddine Zouzou and Abdelkarim Ammar</i> Experimental study of a real-time control by backstepping technique of an induction motor drive |
| 2:45 pm - 3:00 pm | <i>Abdulrahman Baboraik, Sameh Kassem, Abdulla Ebrahim and Alexandar Usachev</i> NEW ALGORITHM FOR ELIMINATION OF INDUCTION EFFECT ON THE MAGNITUDE OF PARTIAL DISCHARGE CURRENT PULSE |



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| 3:00 pm – 3:30 pm | Break |
| 3:30 pm – 3:45 pm | <i>Abdulrahman Baboraik, Abdulla Ebrahim, Sameh Kassem and Alexandar Usachev</i> INVESTIGATION THE IMPACT OF PARTIAL DISCHARGES POLARITY ON RELIABILITY ASSESSMENT OF INSULATION CONDITION IN HIGH VOLTAGE EQUIPMENT |
| 3:45 pm – 4:00 pm | <i>Hamid Rasheda and Qazwan Abdullah Tarbosh</i> An Optimization of Fractal Microstrip Patch Antenna with Partial Ground using Genetic Algorithm Method |
| 4:00 pm – 4:15 pm | <i>Mohamed Lotfi Cherrad, Hocine Bendjama and Tarek Fortaki</i> Vibration analysis for defective bearings by blind source separation |
| 4:15 pm – 4:30 pm | <i>Aymen Mohammed Khodayer Al-Dulaimi, Mohammed Khodayer Hassan Al-Dulaimi and Omer Mohammed Khodayer Al-Dulaimi</i> Construction and analysis of dynamic distribution for resource blocks in traffic channel of real-time and data elastic in 5G networks |
| 4:30 pm – 4:45 pm | <i>Galal Alkatheri and Maisarah Abu</i> Design of a Dual-band Printed T-Dipole Yagi Antenna for WLAN Application |
| 4:45 pm – 5:00 pm | <i>Yaser Awadh, Shakir Saat and Izadora Mustaffa</i> State Feedback Controller Design for Capacitive Power Transfer System |
| 5:00 pm – 5:15 pm | <i>Evizal Abdul Kadir, Raed Shubair, Sharul Kamal Abdul Rahim, Mohamed Himdi and Muhammad Ramlee Kamarudin</i> B5G and 6G: Next Generation Wireless Communications Technologies Demand and Challenges |
| 5:15 pm – 5:30 pm | <i>Nawfan Al-Fakih, Salem Bagaber and Salman Al Abd</i> IMPROVEMENT OF WIND TURBINE LIGHTNING RECEPTOR |



Day 2: Monday: July 5, 2021

Time : 9:00 am – 12:00 pm **(Yemen/Mecca Time (GMT time + 3))**
Zoom link : <https://us02web.zoom.us/j/89938511298?pwd=T0xyWk8xTHdqVWFidC8yUnRUaDdidz09>
Meeting ID : 899 3851 1298
Passcode : ICOTEN2021

Main Room: Keynote Speech

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| 8:00 am - 8:40am | Keynote Speaker IV: Prof. Dr. Mohamed Benbouzid IEEE Fellow, University of Brest, France Keynote title: <i>Marine Renewables Energies Grid Connection: Issues and Challenges.</i> |
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| 8:40 am – 9:00 am | Break |
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Session I: Paper Presentations

Room 2

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| 9:00 am – 9:15 am | <i>Yunes Sh. Alqudsi, Abdulahmeed S. Alsharafi and Abdulwahid Mohamed</i> A Review of Airborne Landmine Detection Technologies: Unmanned Aerial Vehicle-Based Approach |
| 9:15 am - 9:30 am | <i>Othman Khalifa, Ayub Ahmed Omar, Muhammed Zaharadeen Ahmed, Aisha Aisha Hassan Abdallah Hashim, Rashid Abdelhaleem Saeed and Abdelrahim Esgiar</i> Automatic Facial Age Progression Estimation System |
| 9:30 am - 9:45 am | <i>Akram H. Saber and Mohd Ayyub Khan</i> Detection of digital image forgery Utilizing combined feature extraction technique |
| 9:45 am - 10:00 am | <i>Hamza Abbas Kiani, Babar Ali Channa, Syed Yaseen Shah, Syed Jihad Ali Shah, Syed Ikram Shah and Syed Aziz Shah</i> Performance Enhancement and Size Reduction of Vivaldi Antenna Using Defected Ground Structure for Active Phased Array Radar Applications |
| 10:00 am – 10:15 am | <i>Muhammad Hashsham Chishti, Babar Ali Channa, Syed Yaseen Shah, Umar Anjum, Umer Afzal and Syed Aziz Shah</i> Design of High-Performance X-Band Monopulse Comparator for Active Phased Array Radar Applications |



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| 10:15 am – 10:30 am | Break |
| 10:30 am – 10:45 am | <i>Umar Anjum, Babar Ali Channa, Ahmed Hussain, Shahzad Arshad, Syed Yaseen Shah and Syed Aziz Shah</i> An X-Band Coupled Lined Based Channel Failure Detection Mechanism For Active Phased Arrays |
| 10:45 am – 11:00 am | <i>Babar Ali Channa, Syed Yaseen Shah, Muhammad Bilal Khan, Abdul Haseeb Khan, Kawish Parvaiz and Syed Aziz Shah</i> High Efficiency High Gain DC-DC Boost Converter Using PID Controller for Photovoltaic Applications |
| 11:00 am – 11:15 am | <i>Kamran Arif, Azhar Hassan, Umer Afzal, Babar Ali Channa, Syed Yaseen Shah and Syed Aziz Shah</i> Antenna Installation and Location Qualification on Aircraft using Computational Electromagnetic Tools |
| 11:15 am – 11:30 am | <i>Babar Ali Channa, Syed Yaseen Shah, Muhammad Hashsham Chishti, Umar Anjum, Ahmed Hussain, Shahzad Arshad and Syed Aziz Shah</i> Design of 15W X-Band GaN Based Transmit / Receive Module for Airborne Active Phased Array Radar Applications |
| 11:30 am – 11:45 am | <i>Rashidah Che Yob, Nur Hidayah Ramli, Norfatimah Bahari and Liyana Zahid</i> Stability Elements and Matching Components of Microwave Amplifier at C-band Frequency: Simulation Study |
| 11:45 am – 12:00 pm | <i>Mimouna Abid, Souad Saadi Laribi, Zuhair S. Al-Sagar and M'hamed Larbi</i> Performance Analysis of Artificial Neural Network in Detecting Short-Circuit Faults of a Three-Phase Inverter |
| 12:00 pm – 1:00 pm | Break |
| Session II: Paper Presentations | |
| Room 2 | |
| 1:00 pm – 1:15 pm | <i>Lamyae Et-Taaj, Zakaria Boulghasoul, Abdelhadi Elbacha and Abdellah El Kharki</i> Robust Sensorless Induction Motor Drive based on Extended Kalman Filter Observer |
| 1:15 pm – 1:30 pm | <i>Daw Saleh Sasi Mohammed, Abdulrahman A.A.Emhemed, Hawa Ayad Alsanousi, Abusaif S. Abdulalli and Mohd Wazir Mustafa</i> A systematic approach for evaluating the accuracy of overhead line fault location using the traveling wave method |
| 1:30 pm – 1:45 pm | <i>Yaseen Alwesabi, Nabil Mohammed, Ala Al-Shargabi and Yong Wang</i> |



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| | <p>Energy Demand Estimation of Battery Electric Buses Considering Dynamic Wireless Charging Technology</p> |
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