



Program at a Glance

Day 1: Wednesday, 25 October 2023 (Nigeria time zone)

Time	Program Content	
10:00 - 10:15	Conference opening and welcome speeches by the conference chairs* Prof. Abubakar Sadiq Hussaini, American University of Nigeria, Yola Prof. Raed Abd-Alhameed, University of Bradford, UK	Coordinators: Prof. Walid A. Al-Hussaibi, Dr. Rana Zubo, Dr. Hussein Fadhel
10:15 - 11:00	Keynote 1* Prof. Abubakar Sadiq Hussaini, American University of Nigeria, Yola The Evolution of Mobile Technologies and Its Impact on Business & Lifestyle	
11:00 - 11:30	Tea Break	
11:30 - 13:00	Technical Session: (D1S1) **	
13:00 - 14:00	Lunch Break	
14:00 - 14:45	Keynote 2* Professor Rami Qahwaji, University of Bradford, UK Innovations in Applied AI: from Space to Healthcare	Coordinators: Prof. Walid A. Al-Hussaibi, Dr. Rana Zubo, Dr. Hussein Fadhel
14:45 - 16:15	Technical Session: (D1S2) **	

Day 2: Thursday, 26 October 2023

Time	Program Content	
10:30 - 11:15	Keynote 3* Prof. Mohamed LASHAB, Larbi Ben M'hidi University, Oum El Bouaghi, Algeria Antenna and Sensors Based on Artificial Materials	Coordinators: Prof. Walid A. Al-Hussaibi, Dr. Rana Zubo, Dr. Hussein Fadhel
11:15 - 11:30	Tea Break	
11:30 - 13:00	Technical Session: (D2S1) **	
13:00 - 14:00	Lunch Break	
14:00 - 14:45	Keynote 4* Dr. Vivek Arya Department of Electronics & Communication Engineering, FET, Gurukula Kangri, Haridwar, India SIW Leaky Wave Antennas for Beam Scanning Applications	Coordinators: Prof. Walid A. Al-Hussaibi, Dr. Rana Zubo, Dr. Hussein Fadhel
14:45 - 16:15	Technical Session: (D2S2) **	

Day 3: Friday, 27 October 2023

Time	Program Content	
10:30 - 11:15	Keynote 5* Prof. Umar Ibrahim Gaya, CD SI NASENI, FICCON, FCSN, MACS Technology Facilitation and Transfer - Are we on the right track?	Coordinators: Dr. Rana Zubo, Dr. Hussein Fadhel
11:15 - 11:30	Tea Break	
11:30 - 13:00	Technical Session: (D3S1) **	
13:00 - 13:45	Keynote 6* Prof. BO LIU, University of Glasgow, Scotland Automated Design of Microwave Antennas: An AI-powered Approach	Coordinators: Dr. Rana Zubo, Dr. Hussein Fadhel
13:45 - 14:15	Ending the conference and speeches of the conference chairs* Prof. Abubakar Sadiq Hussaini, American University of Nigeria, Yola Prof. Raed Abd-Alhameed, University of Bradford, UK	Coordinators: Dr. Rana Zubo, Dr. Hussein Fadhel

*Zoom Meeting: <https://zoom.us/j/92996066013?pwd=Ynk2MUhWdzRUaXFQT3IzYnBKc04zZz09>

** A time slot of 15 min is assigned for each paper (presentation and discussion).



Technical Sessions

Day 1: Wednesday, 25 October 2023

Session 1 (11:30 - 13:00) (Nigeria time zone)

D1S1: [Virtual Meeting]			
Session Chair: Prof. Abubakar Sadiq Hussaini, American University of Nigeria - Yola			
Coordinator: Prof. Walid A. Al-Hussaibi, Dr. Rana Zubo, Dr. Hussein Fadhel			
Zoom Meeting: https://zoom.us/j/92996066013?pwd=Ynk2MUhWdzRUaXFQT3IzYnBKc04zZz09			
Paper ID	Time	Paper Title	Authors
1570840156	11:30 - 11:45	Design of 4 Elements MIMO Antennas at 24GHz, 26GHz and 28GHz for B5G Mobile Handset Applications	Charles I. Azubuike, Abubakar S. Hussaini
1570848437	11:45 - 12:00	Data Partition Based Error Resilience Technique in Multiview Video Communication	Sagir Lawan; Isa Musa Danjuma; Aliyu Sabo; Mojeed A. Salawu
1570850117	12:00 - 12:15	Implementations of Machine Learning in Engineering, Bioengineering, Medicine and Psychology Fields	Fatima Al-Qaoud, Ahmad Aldelemy, Andrew Carruthers, and Raed Abd-Alhameed
1570856271	12:15 - 12:30	Investigation the Beam Squint Effect on the Performance of Patch Antenna in Mm-Waves Wireless Communication	Mariam Q. Abdalrazak, Asmaa H. Majeed1, Raed A. Abd-Alhameed
1570861884	12:30 - 12:45	The Development of the Artificial Intelligence in The Fields of Engineering, Medicine and Manufacturing Industries	Fatima Al-Qaoud, Ahmad Aldelemy, Andrew Carruthers and Raed Abd-Alhameed
1570738175	12:45 - 13:00	Mathematical Modelling, Simulation and Analysis of Solar PV module in Simulink	Salami Alaba Nasirudeen ; M S Haruna; Maruf A. Aminu; Opeyemi Osanaiye



Day 1: Wednesday, 25 October 2023

Session 2 (14:45 - 16:00) (Nigeria time zone)

D1S2: [Hybrid Meeting]			
Session Chair: Dr. Issa Elfergani, Instituto de Telecomunicações, Aveiro, Portugal			
Coordinator: Prof. Walid A. Al-Hussaibi, Dr. Rana Zubo, Dr. Hussein Fadhel			
Zoom Meeting: https://zoom.us/j/92996066013?pwd=Ynk2MUhWdzRUaXFQT3lzYnBKc04zZz09			
Paper ID	Time	Paper Title	Authors
1570929824	14:45 -15:00	Systematic Literature Review of Understanding Social Media Algorithms and Their Impacts on Online Experiences	Said Muhammad; Karen Etania Saputra; Alexander Agung Santoso Gunawan
1570944057	15:00 – 15:15	Entrepreneurship Development Programme as Panacea for Youth Unemployment in Katsina state, Nigeria	Dr. Shan'una Lawal, Dr. Abubakar Hamid Danlami
1570949414	15:15 – 15:30	Multi-band UHF RFID Reader Antenna Design	Ibrahim Gharbia, Atta Ullah, Falih Alnahwi2, Abubakar Salisu, George Oguntala, Mohammed Ngala, and Raed A Abd-Alhameed
1570951565	15:30 – 15:45	Design of Microwave Monopole Patch Antenna for Breast Cancer Detection Implementation	Izabela Walukiewicz, Nabeel AbulJabbar, Ibrahim Ghariba, Fuazi Elmegri, Mohammed S BinMelha, Mohammed Ngala, Atta Ullah, and Raed A Abd-Alhameed
1570952298	15:45 – 16: 00	A Comprehensive Review of RF-Based Localisation Methods and Their Applications in Healthcare	Ahmad Aldelemy, George Oguntala, Mohammed S BinMelha, Mohammed Ngala, Raed Abd-Alhameed



Day 2: Thursday, 26 October 2023

Session 1 (11:30 - 13:00) (Nigeria time zone)

D2S1: [Hybrid Meeting]			
Session Chair: Prof. Abubakar Sadiq Hussaini, American University of Nigeria - Yola			
Coordinator: Prof. Walid A. Al-Hussaibi, Dr. Rana Zubo, Dr. Hussein Fadhel			
Zoom Meeting: https://zoom.us/j/92996066013?pwd=Ynk2MUhWdzRUaXFQT3lzYnBKc04zZz09			
Paper ID	Time	Paper Title	Authors
1570952367	11:30 - 11:45	Dual Band Reconfigurable Antenna For Sub 6GHz and Millimeter Wave Bands For 5G Mobile Applications	Abubakar Salisu, Atta Ullah, Umar Musa, M. O. Akinsolu, I. Gharbia, A. Aldelemy, M. A Modibbo, Umar S. Usman, A. S. Hussaini and Raed A Abd-Alhameed
1570952372	11:45 - 12:00	Use of Slots in Bandwidth enhancement of microstrip patch antenna for 5G mobile communication networks	Abubakar Salisu, Atta Ullah, Umar Musa, M. O. Akinsolu, I. Gharbia, A. Aldelemy, M. A Modibbo, Umar S. Usman, A. S. Hussaini and Raed A Abd-Alhameed
1570952699	12:00 - 12:15	An Anti-Symmetric Half Koch-Minkowski Offset Fed Hybrid Fractal Antenna for Sub-6GHz and S-band	Atul Varshney, Sanjay Singh, Issa Elfergani, Chemseddine Zebiri, Abubakar Sadiq Hussaini, Jonathan Rodriguez
1570953838	12:15 - 12:30	Systematic Literature Review on Innovations and Risks in Financial Blockchain Applications	Krishna D Jadhav
1570953908	12:30 - 12:45	Design Analysis of an Indoor Localisation System integrated with FMCW Radar for Emitter Tracking Applications	Imran Ahmad, Ahmad Aldelemy, Ibrahim Gharbia, Raed Abd-Alhameed
1570745003	12:45 - 13:00	Field Performance of Compost Produced from Tannery waste and Sawdust Applied on Maize (Zea mays) Plants	Ahmadu, Usman, Kure Jireh Taliya, Abdulrahman Mohammed, Kassim Grema Amin and Udeme, Joshua Josiah Ijah



Day 2: Thursday, 26 October 2023

Session 2 (14:45 - 16:00) (Nigeria time zone)

D2S2: [Hybrid Meeting]			
Session Chair: Dr. Issa Elfergani, Instituto de Telecomunicações, Aveiro, Portugal			
Coordinator: Prof. Walid A. Al-Hussaibi, Dr. Rana Zubo, Dr. Hussein Fadhel			
Zoom Meeting: https://zoom.us/j/92996066013?pwd=Ynk2MUhWdzRUaXFQT3lzYnBKc04zZz09			
Paper ID	Time	Paper Title	Authors
1570954078	14:45 -15:00	A Comparative study & Analysis of Angle of Arrival Methods for UWB Phased Linear Antenna Array Applications	Imran Ahmad ¹ , Ahmad Aldelemy, Ibrahim Gharbia, Fauzi Elemgri, Raed Abd-Alhameed
1570954683	15:00 – 15:15	SDN and NFV for Next-Generation IoT Based on Cloud Computing Interaction	Krishna D Jadhav
1570954703	15:15 – 15:30	Patient Localization using RFID in Wireless Insite Propagation & Neural Network	Prince Okoto Siaw, Ebenezer Adjei ¹ , Raed Abd-Alhameed, Ahmad Aldelemy
1570955124	15:30 – 15:45	Planer Microwave Liquid Sensor Based on Meta-material Complementary Split Ring Resonator	Said Mosbah, Djamel Sayad, Hanane Bendjadi, Issa Elfergani, Mohamed Lamine Bouknia, Samira Mekki, Rami Zegadi, Jonathan Rodriguez, Merih Palandoken and Chemseddine Zebiri
1570955140	15:45 – 16:00	A CPW-Fed Wearable Dual-Ring Patch Antenna at ISM Band for Biomedical Applications	Mohamed Lamine Bouknia, Chemseddine Zebiri, Rami Zegadi, Djamel Sayad, Issa Elfergani, Chahrazad Bensid , Nor Elhouda Mehenni , Said Mosbah and Jonathan Rodriguez
1570956485	16:00 – 16:15	An Improved Web-Based Inventory Management System for Universities	Ezekiel Abiodun Oyekan



Day 3: Friday, 27 October 2023

Session 1 (11:30 - 13:00) (Nigeria time zone)

D3S1: [Hybrid Meeting]			
Session Chair: Prof. Abubakar Sadiq Hussaini, American University of Nigeria - Yola			
Coordinator: Prof. Walid A. Al-Hussaibi, Dr. Rana Zubo, Dr. Hussein Fadhel			
Zoom Meeting: https://zoom.us/j/92996066013?pwd=Ynk2MUhWdzRUaXFQT3IzYnBKc04zZz09			
Paper ID	Time	Paper Title	Authors
1570955152	11:30 - 11:45	Study and Analysis of a Circular Patch Antenna for Biomedical Applications	Rami Zegadi, Bouknia Mohamed Lamine, Sayad Djamel, Issa Elfergani, Atul Varshney, Mekki Samira, Benmelouka Rania Ibtissam, Mosbah Said, Jonathan Rodriguez and Chemseddine Zebiri
1570955168	11:45 - 12:00	The Impact of Different Ceramic Substrate Materials on the Performance of UWB Antennas	Chemseddine Zebiri, Mohamed Lamine Bouknia, Rami Zegadi, Djamel Sayad, Issa Elfergani, Mattoug Rania and Slimani Asma and Jonathan Rodriguez
1570955285	12:00 - 12:15	Impact of Intermittent Generation on Network Frequency: An Economic Study	Laolu Shobayo, Cuong Dao
1570955540	12:15 - 12:30	Classification of Bone Fracture Widths using CST-based Microwave Imaging Simulations	Ebenezer Adjei, Prince O. Siaw, Raed Abd-Alhameed, Ahmad Aldelemy.
1570955575	12:30 - 12:45	Triple Band PIN-Diode-Based Reconfigurable Antenna for the New Wi-Fi 6E Band and 5G Applications	Djamel Sayad, Chemseddine Zebiri, Mohamed Lamine Bouknia, Rami Zegadi, Issa Elfergani and Jonathan Rodriguez
1570953164	12:45 - 13:00	Stochastic Optimal Operation of Coordinated Natural Gas and Electricity Network with focus on power-to-gas technologies and wind power curtailment.	Patrick Sunday Onen, Rana H.A. Zubo, Jian-Ping Li, Raed A Abd-Alhameed