

ICTA 2020 PRESENTATION PROGRAM

Time	Wednesday 25 November	Thursday 26 November
9:00-9:30	Conference Opening URL: Zoom	Keynote: Prof Andrew Ware URL: Zoom
9:30-10:00	Keynote: Prof. Vincenzo Piuri <i>URL: Same as Conference Opening</i>	Keynote: Prof. Osvaldo Gervasi URL: Zoom
10:00-12:00	ICTA Information Science & Technology Session I URL: Zoom	ICTA Information Security Privacy & Trust Session URL: Zoom
12:00-14:00	ICTA Artificial Intelligence, Big Data & Machine Learning Session I URL: Zoom	ICTA Artificial Intelligence, Big Data & Machine Learning Session III URL: Zoom
14:00-17:00	ICTA Artificial Intelligence, Big Data & Machine Learning Session II URL: Zoom	ICTA Information Science & Technology Session II URL: Zoom
17:00-18:00		Conference Closing URL: Zoom

Legend

	ICTA Sessions (Presentations of papers in CCIS)
	Keynotes
	Social Activities

NB: The program is fixed to Nigeria Local time (GMT+1)

Detailed Program

Time	Wednesday 25 November
9:00-9:30	Conference Opening
9:30-10:00	Keynote: Prof. Vincenzo Piuri Session Chair: Sanjay Misra
10:00-12:00	ICTA Information Science & Technology Session I Session Chair: Robertas Damaševičius, Kaunas University of Technology, Lithuania Gamifying users' learning experience of Scrum Guillermo Rodriguez, Matias Glessi, Alfredo Teyseyre, Pablo Gonzalez Developer Mental Health: Scooping review Rahma Bouaziz and Ghaida Albakri. Drug Verification System using Quick Response Code Roseline Ogundokun, Joseph Awotunde, Sanjay Misra and Dennison Umoru.

Privacy Preservation in Mobile-Based Learning Systems: Current Trends, Methodologies, Challenges, Opportunities and Future Direction: A Review

Muhammad Muhammad Kudu, Ishaq Oyefolahan Olabisi, Olaniyi Olayemi Mikail and Ojeniyi Joseph Adebayo.

A Novel Approach to News Archiving from Newswires

Bilkisu Muhammad-Bello, Lukman Mudi and Salim Mudi.

Visualizing Multilevel Test-to-Code Relations

Nadera Aljawabrah, Abdallah Qusef , Tamás Gergely, Adhyatmananda Pati.

Mobile Application Software Usability Evaluation: Issues, Methods and Future Research Directions

Blessing Iganya Attah, John Kolo Alhassan, Ishaq Oyebisi Oyefolahan and Sulaimon Bashir.

Perception of social media privacy among computer science students

Adebayo Omotosho, Peace Ayegba and Justice Emuoyibofarhe.

12:00-14:00

Artificial Intelligence, Big Data & Machine Learning Session I

Session Chair: Rahma Bouaziz

Application of Big Data Analytics for Improving Learning Process in Technical Vocational Education and Training

Aliyu Mustapha, Abdullahi Kutiriko Aubakar, Haruna Dokoro Ahmed and Abdulkadir Mohammed.

Prediction of Malaria fever using Long-Short-Term Memory and Big Data

Joseph Bamidele Awotunde, Rasheed Gbenga Jimoh, Idowu Dauda Oldipo, Muyideen Abdulraheem.

Improving the prediction accuracy of academic performance of the freshman using Wonderlic Personnel Test and Rey-Osterrieth Complex Figure

Ochilbek Rakhmanov and Senol Dane.

Comparative Analyses of Machine Learning Paradigms for Operators' Voice call Quality of Service.

Jacob Mebawondu.

LearnFuse: An Efficient Distributed Big Data Fusion Architecture using Ensemble Learning.

Ime J. Umo, Emmanuel A. Adedokun, Salefu Nngbede Odaudu, Chukwuma Jonathan.

Unsupervised Machine Learning based on Gaussian Mixture Model with Firm Expectation-Maximization algorithm for Effective Signal power Coverage Estimation

Joseph Isabona and Divine Ojuh.

Analysis and Classification of Biomedical data using Machine Learning Techniques

Sujata Panda and Hima Bindu Maringanti.

A survey for recommender system for groups

Ananya Misra.

14:00-17:00

Artificial Intelligence, Big Data & Machine Learning Session II

Session Chair: Guillermo Rodriguez

Emotion Recognition of Speech in Hindi Using Dimensionality Reduction and Machine Learning Techniques

Akshat Agrawal and Anurag Jain

Application of Machine Learning based on Gaussian Process Regression for Extrapolative Cell Availability Evaluation in Cellular Communication Systems

Joseph Isabona and Divine Ojuh.

Machine Learning Concepts in Anomaly Android Malware Detection: An Analysis of Six Classifiers

Benjamin Gyunka, Oluwakemi Abikoye and Saheed Adekeye.

Credit Risk Prediction in Commercial Bank Using Chi-Square with SVM-RBF

Kayode Alabi, Sulaiman Abdulsalam, Roseline Ogundokun and Michael Arowolo.

A Conceptual Hybrid Model of Deep Convolutional Neural Network (DCNN) and Long Short Term Memory (LSTM) for Masquerade Attack Detection

Adenike Azeezat Adam, Sadiat Adebukola Onashoga, Adebayo Abayomi-Alli and Omoyiola Bayo Olushola

An automated framework for swift lecture evaluation using speech recognition and NLP

Ochilbek Rakhmanov.

DeepFacematch: A Convolutional Neural Network Model for Contactless Attendance on e-SIWES Portal

Emmanuel Adetiba, Amarachi E. Opara,
Oluwaseun T. Ajayi and Folashade O. Owolabi.

Hausa Intelligence Chatbot System

Usman Haruna, Umar Sunusi Maitalata, Murtala Mohammed, Jaafar Zubairu Maitama and Haruna Chiroma

An Empirical Study to Investigate Data Sampling Techniques for Improving Code-Smell Prediction using Imbalanced Data

Himanshu Gupta, Sanjay Misra , Lov Kumar and N L Bhanu Murthy

Researches in ICT: How to Convert Project works into Research Papers

Sanjay Misra

A Statistical Linguistic Terms Interrelationship Approach to Query Expansion Based on Terms Selection Value

Nuhu Yusuf, Mohd Amin Mohd Yunus,
Norfaradilla Wahid, Mohd Najib Mohd Salleh.

Validation of student psychological player types for game-based learning in university math lectures

Tatjana Sidekerskienė, Robertas Damaševičius and Rytis Maskeliūnas

Time	Thursday 26 November
9:00-9:30	<p>Keynote: Prof. Andrew Ware Session Chair: Sanjay Misra</p>
9:30-10:00	<p>Keynote: Prof. Osvaldo Gervasi Session Chair: Sanjay Misra</p>
10:00-12:00	<p>ICTA Information Security Privacy & Trust Session Session Chair: Dr. V.B. Singh, University of Delhi, Inida</p> <p>SIMP-REAUTH: A Simple Multilevel Real User Remote Authentication Scheme for Mobile Computing Omoniyi Wale Salami, Yuri Demchenko, Emmanuel Adewale Adedokun and Muhammad Bashir Mu'azu.</p> <p>A Novel Optimization Algorithm for Overcurrent Relay Coordination in Distribution Networks Ahmed Tijani Salawudeen, Abdulrahman Adebayo Olaniyan, Gbenga Olarinoye and Sikiru Tajudeen Humble.</p> <p>A gamified technique to improve users' phishing and typosquatting awareness. Adebayo Omotosho, Divine Awazie, Peace Ayegba and Justice Emuoyibofarhe.</p> <p>Sooner Lightweight Cryptosystem: Towards Privacy Preservation of Resource-Constrained Devices Abraham Ayegba Alfa, John Kolo Alhassan, Olayemi Mikail Olaniyi and Morufu Olalere.</p>

COMPARATIVE PERFORMANCE ANALYSIS OF ANTI-VIRUS SOFTWARE

Moses Noel Dogonyaro, Victor Waziri Onomza, Shafii Abdulhamid Muhammad and Salisu Lukman Obada.

An efficient Lightweight Cryptographic algorithm for IoT Security

Muyideen Abdulraheem, Joseph Bamidele Awotunde, Rasheed Gbenga Jimoh, Idowu Dauda Oladipo.

Analysis and Classification of Some Selected Social Media Apps Vulnerability

Olawale Surajudeen Adebayo, Joel Sokoyebom, Shefiu Ganiyu and Suleman Salawu.

Appraisal of Cyber Attacks on Electronic Banking in Nigeria using Unified Theory of Acceptance and Use of Technology

Usman Abdullahi Ali, Stephanie Adamu, Ali Muhammad Usman, Theophilus Enem Aniemeka.

12:00-14:00

ICTA Artificial Intelligence, Big Data & Machine Learning Session III

Session Chair: Prof. Rytis Maskeliunas, Kaunas University of Technology, Lithuania

Outlier Detection in Multivariate Time Series Data using a Fusion of K-Medoid, Standardized Euclidean Distance and Z-Score

Benita Chikodili Nwodo, Abdulmalik D. Mohammed, Abisoye A. Opeyemi and Bashir A. Sulaimon.

MULTI-CLASS MODEL MOV-OVR FOR AUTOMATIC EVALUATION OF TREMOR DISORDERS IN HUNTINGTON'S DISEASE

Rytis Maskeliunas, Andrius Lauraitis, Robertas Damasevicius and Sanjay Misra.

An Improved Diagnosis of Diabetes Mellitus using Computational Intelligence

Idowu Dauda Oladipo, Abdulrauph Olarewaju Babatunde, Joseph Bamidele Awotunde, Muyideen Abdulraheem

Optimizing the Classification of Network Intrusion Detection using Ensembles of Decision Trees Algorithms

Josephine Mebawondu, Adebayo Adetunmbi, Olufunso Alowolodu and Jacob Mebawondu.

Identification of Bacterial Leaf Blight and Powdery Mildew Diseases Based on a Combination of Histogram of Gradient and Local Binary Pattern Features

Hassan Mohammed Zakari, Ishaq O. Oyefolahan, Abdulmalik D. Mohammed and Bashir A. Sulaimon.

Feature Weighting and Classification Modeling for Network Intrusion Detection Using Machine Learning Algorithms

Josephine Mebawondu, Adebayo Adetunmbi, Jacob Mebawondu and Olufunso Alowolodu.

Spoof Detection in a ZigBee Network using forge-resistant Network Characteristics (RSSI & LQI)

Christopher Martins Bahago, Emmanuel Adedokun Adewale, Ime Umoh Jarlath and Bashir Muhammed Mu'azu.

Face Morphing Attack Detection in the Presence of Post-Processed Image Sources Using Neighborhood Component Analysis and Decision Tree Classifier

Mary Ogbuka Kenneth, Bashir A. Sulaimon, Abisoye A. Opeyemi and Abdulmalik D. Mohammed.

14:00-17:00

ICTA Information Science & Technology

Session II

Session Chair: Dr. Lov Kumar, BIT, India

An Efficient Holistic Schema Matching Approach

Aola Yousfi, Moulay Hafid El Yazidi and Ahmed Zellou.

AnnoGram4MD: A Language for Annotating Grammars for High Quality Metamodel Derivation

Oumar Maiga and Hamzat Olanrewaju Aliyu.

DESIGN AND IMPLEMENTATION OF AN IoT BASED BAGGAGE TRACKING SYSTEM

Olamilekan Shobayo, Ayobami Olajube, Obinna Okoyeigbo, Ayoola Akindele and Jesse Ogbonna.

Validation of Computational-Rabi's Driver Training Model for Prime Decision-Making

Rabi Mustapha, Muhammed Auwal Ahmed and Mhammad Aminu Ahmad.

Efficient Approaches to Agile Cost Estimation in Software Industries: A Project-Based Case Study

Shariq Aziz Butt, Sanjay Misra, Diaz-Martinez Jorge Luis and De La Hoz Franco Emiro.

EFFICIENT TRAFFIC CONTROL SYSTEM USING FUZZY LOGIC WITH PRIORITY

Ayuba Peter, Babangida Zachariah, Peter Damuut Luhutyit, Sa'Adatu Abdulkadir.

An Enhanced WordNet Query Expansion Approach for Ontology Based Information Retrieval System

Enesi Femi Aminu, Ishaq Oyebisi Oyefolahan, Muhammad Bashir Abdullahi, Muhammadu Tajudeen Salaudeen.

DESIGN OF A ROBOTIC WEARABLE SHOE FOR LOCOMOTION ASSISTANCE SYSTEM

Bala Saliu, Lukman Ajao, Sanusu Audu and Blessing Abisoye.

Design and Implementation of Mortgage Cash Advance System in a Developing country: A Case Study of First Bank of Nigeria Mortgages Limited

Jacob Mebawondu, John Saka, Olushola Ajayi and Josephine Mebawondu.

Users' Perception of the Telecommunication Technologies Used for Improving Service Delivery at Federal University Libraries in Anambra and Enugu State

Rebecca Chidimma Ojobor.

17:00-18:00

Conference Closing

[URL: Zoom](#)