

<p align="center">Day 1: Sunday 8/5/2022</p> <p align="center">on MIU Campus</p>	
8:30 - 9:30	Registration
9:30 – 9:45	<p align="center">MIU President speech (OOA)</p> <p align="center">Prof. Ahmed Emad</p>
9:45 – 10:00	<p align="center">Dean of Faculty of Computer Science Speech (OOA)</p> <p align="center">Prof. Ayman Bahaa El din</p> <p align="center">Recognition of Dr.Diaa</p>
10:00 - 10:15	<p align="center">Chairman of IEEE Egypt Section Speech (OOA)</p> <p align="center">Prof. Ahmed Hassan Yousef</p>
10:15 – 11:00	<p align="center">“Swarm Intelligence in Cyber Security” (OOA)</p> <p align="center">Prof. IVAN Zelinka</p> <p align="center">VŠB Technical University of Ostrava – Czech Republic</p>
11:00 – 11:30	Coffee Break
11:30 – 12:15	<p align="center">Discussion Panel (OOA)</p> <p align="center">“New Trends in Computer Network and Security ”</p> <p align="center">Eng. Ayman El Gohry - CISCO Regional Manager MEA</p> <p align="center">Eng.Ayman Omrany - Egypt Country Manager -Palo Alto</p>

12:15 – 1:45	Session 01 (OOA) Chair: Dr. Eslam Amer	Session 02 (OOB) Chair: Dr. Ammar Mohammed	Session 03 (MG1) Chair: Prof. Alaa Hamdy	Session 04 (MG3) Chair: Dr. Ashraf abdelRaouf
12:15 – 12:30	Paper ID: 20	Paper ID: 4	Paper ID: 35	Paper ID: 52
	Android Static Malware Detection using tree-based machine learning approaches	An approach to enhance KNN based on data clustering using K-Medoid	Classification of Human Hand Grasping Force Using sEMG	Pneumonia Classification for Covid-19 Based on Machine Learning
	Ahmed Tamer Salah Ahran Candian University, Egypt	Abdel-Fatah Karam Cairo University, Egypt	Muataz Ghanem Arab Academy for Science, Technology and Maritime Transport, Egypt	Mahmoud Elkamouny German University in Cairo, Egypt
12:30 – 12:45	Paper ID: 6	Paper ID: 42	Paper ID: 40	Paper ID: 44
	Holy Quran-Italian seq2seq Machine Translation with Attention Mechanism	A Hybrid Arabic Text Summarization Approach based on Transformers	EVASS: Emotional Variational End-to-End Speech Synthesis with Semi-Supervised and Adversarial Learning	Multi-Organ Auto-segmentation using Deep Learning approaches for head and neck section
	Haam Abdel Salam Cairo University, Egypt	Ameen Reda Ameen Ahran Canadian University, Egypt	Mohamed Osman Ahran Canadian University, Egypt	Zeyad El-Shaer Ahran Candian University, Egypt
12:45 – 01:00	Paper ID: 80	Paper ID: 83	Paper ID: 81	Paper ID: 86
	A Markov Model-Based Approach for Predicting Violence from Movies	Using Data Mining Techniques to improving Key Performance Indicators	An intelligent Surveillance System for Detecting Abnormal Behaviors on Campus using YOLO and CNN-LSTM Networks	CNN-based Approach for Prediction of periodontally teeth
	Ahmed Tamer Misr International University, Egypt	Assem Allam EL-Din Helwan University, Egypt	Pierre Malak Misr International University, Egypt	Aly Yasser Mohamed Rostom Misr International University, Egypt
01:00 – 01:15	Paper ID: 84	Paper ID: 36	Paper ID: 47	Paper ID: 89
	Malware Detection Approach Based on the Swarm-Based Behavioral Analysis over API Calling Sequence	Machine Learning Approach For Diagnosis Of Heart Diseases	Face analyzer 3D: Automatic facial profile detection and occlusion classification	An Approach Towards Vision Correction Display and Color blindness
	Adham Samir Misr International University, Egypt	Manal Said Cairo University, Egypt	Sara Abdelslam Misr International University, Egypt	Kareem Elantably Misr International University, Egypt

01:15 – 01:30	Paper ID: 91	Paper ID: 38	Paper ID: 55	Paper ID: 101
	DeepCorrect :Building an Efficient Framework for Auto Correction for Subjective Questions Using GRU_LSTM Deep Learning	A Fuzzy-Crisp Frequent Concept Lattice Generation Algorithm	Human Activity Recognition in Maintenance Centers to Reduce Wasted Time	Egyart classify: an approach to classify outpainted Egyptian monuments images using GAN and ResNet
	Nada Ahmed Misr International University, Egypt	Ebtesam Shemis Menoufia University, Egypt	Omar Magdy October University for Modern Sciences and Arts, Egypt	Kareem Razzaz Misr International University, Egypt
01:30 – 01:45	Paper ID: 23	Paper ID: 79	Paper ID: 98	Paper ID: 29
	Ransomware Clustering and Classification using Similarity Matrix	Ensemble Deep Learning for Human-Object Interaction Detection	Hieroglyphs Language Translator using deep learning techniques (Scriba)	A Machine-Learning-based Electronic Tongue for Classifying Milk
	Bahaa Eldin Mahmoud Nile University, Egypt	Ahmed Mansour Ain Shams University, Egypt	Farida Hesham Misr International University, Egypt	Salma Mohamed Misr International University, Egypt
Lunch Break 01:45 – 2:45				
2:45 – 3:30	Session 05 (OOA) Chair: Dr. Diaa Salama	Session 06 (OOB) Chair: Prof. Khaled Hussein	Session 07 (MG1) Chair: Dr. Taragy Ghanim	Session 08 (MG3) Chair: Dr. Emad Yaqoub
2:45 – 3:00	Paper ID: 17	Paper ID: 16	Paper ID: 70	Paper ID: 73
	Secure Data Storage in The Cloud by Using DNA and Chaos Cryptography	An Intelligent Electronic Nose for the assistance of Anosmic-Patients	IRats: Intelligent system for rat behavior analysis	Intrusion Detection in VANETs and ACVs using Deep Learning
	Menna Allah Mousa Benha University, Egypt	Ahmed Hany Misr International University, Egypt	Andrew Zaky October University for Modern Sciences and Arts, Egypt	Ahmed Abdallah Nile University, Egypt
3:00 – 3:15	Paper ID: 22	Paper ID: 18	Paper ID: 43	Paper ID: 93
	Jigsaw Self-Supervised Visual Representation Learning: An Applied Comparative Analysis Study	Building An Optimized Framework for Automatic Arrhythmia classification model	A YOLO Based Approach for Traffic Light Recognition for ADAS Systems	Automatic Classification of Diffuse Liver Diseases: Cirrhosis & Hepatosteatois using Ultrasound Images
	Yomna Kawashti Ain Shams University, Egypt	Youssef Ali Misr International University, Egypt	Miand Youssef German University in Cairo, Egypt	Ahmed Ashour Misr International University, Egypt

3:15 – 3:30	Paper ID: 76	Paper ID: 87	Paper ID: 85	Paper ID: 99
	Smart Hydroponics System using Fuzzy Logic	ESEEG : An Efficient Epileptic Seizure Detection using EEG signals based on Machine Learning Algorithms	Review of Programming Assignment Automated Assessment Systems	Closing price Prediction of Stock Market using Machine Learning Models
	<i>Ahmed Abo-Elmagd Modern University for Technology & Information, Egypt</i>	<i>Ahmed Aly Misr International University, Egypt</i>	<i>Mohamed Tarek Misr International University, Egypt</i>	<i>Asmaa Tanany Benha University, Egypt</i>



Use the proper zoom link to attend a specific online session in Day 2

Virtual Hall 1	https://miuegypt-edu-eq.zoom.us/j/93391289716
Virtual Hall 2	https://miuegypt-edu-eq.zoom.us/j/97345007099
Virtual Hall 3	https://miuegypt-edu-eq.zoom.us/j/92318875043
Virtual Hall 4	https://miuegypt-edu-eq.zoom.us/j/98293357160

Day 2 : Monday 9/5/2022 (Online)

10:00 – 11:15	Session 09 Virtual Hall 1 Chair: Dr. Ayman Nabil https://miuegypt-edu-eg.zoom.us/j/93391289716	Session 10 Virtual Hall 2 Chair: Prof. Khaled Hussien https://miuegypt-edu-eg.zoom.us/j/97345007099	Session 11 Virtual Hall 3 Chair : Dr. Essam Eliwa https://miuegypt-edu-eg.zoom.us/j/92318875043	Session 12 Virtual Hall 4 Chair: Prof. A. Nasser Zayed https://miuegypt-edu-eg.zoom.us/j/98293357160
10:00 – 10:15	Paper ID: 13	Paper ID: 14	Paper ID: 48	Paper ID: 34
	Gender Classification from Tweets Using LSTMs and Transformers	Light-Weight Face Shape Classifier for Real-Time Applications	M-Government Smart Service using AI Chatbots: Evidence from the UAE	Privacy by Design: A Microservices-Based Software Architecture Approach
	<i>Omar Alaaeldein</i> <i>Egypt-Japan University of Science and Technology, Egypt</i>	<i>Kareem Moussa</i> <i>Nile University, Egypt</i>	<i>Ahmed Salem</i> <i>Mansoura University, Egypt</i>	<i>Bahgat S. Mashaly</i> <i>Nile University, Egypt</i>
10:15 – 10:30	Paper ID: 37	Paper ID: 45	Paper ID: 46	Paper ID: 77
	End-to-End Fault Tolerant Control of Discrete Event System Using Recurrent Neural Networks	A Survey on Recommender Systems Challenges and Solutions	Arabic Multi-Modal System Based On Voice And Machine Vision	Resource-Aware Identification Of COVID-19 Cough Sounds Using Wavelet Scattering Embeddings
	<i>Mostafa Elmahdy</i> <i>Ain Shams University, Egypt</i>	<i>Kareem Elattar</i> <i>Nile University, Egypt</i>	<i>Hesham Mousa</i> <i>Ain Shams University, Egypt</i>	<i>Rami Zewail</i> <i>Egypt-Japan University For Science& Technology, Egypt</i>
10:30 – 10:45	Paper ID: 33	Paper ID: 7	Paper ID: 57	Paper ID: 88
	Fault Detection in Wind Turbines using Deep Learning	Deep Reinforcement Learning based Video Games : A Review	An Ensemble Based Model to Improve the Accuracy of Automatic Short Answer Grading	SCBioT: Smart Cane for Blinds using IoT
	<i>Nour Elgarhy</i> <i>Misr International University, Egypt</i>	<i>Eslam Ali</i> <i>Cairo University, Egypt</i>	<i>Mostafa Saeed</i> <i>October University for Modern Sciences and Arts, Egypt</i>	<i>Fatma Sakr</i> <i>Benha University, Egypt</i>

10:45 – 11:00	Paper ID: 41	Paper ID: 31	Paper ID: 68	Paper ID: 24
	Design, Simulation, and Implementation of connected IoT for Disabled People	A Review of Electronic Tongue for Liquid Classification	A hybrid approach to paraphrase detection based on text similarities and machine learning classifiers	Survey of Arabic Machine Translation, Methodologies, Progress, and Challenges
	<i>Hazem Hussein Misr International University, Egypt</i>	<i>Salma Mohamed Misr International University, Egypt</i>	<i>Mena Hany October University for Modern Sciences and Arts, Egypt</i>	<i>Donia Gamal Ain Shams University, Egypt</i>
11:00 – 11:15	Paper ID: 25	Paper ID: 8	Paper ID: 71	Paper ID: 72
	DevSecOps: A Security Model for Infrastructure as Code Over the Cloud	A Proposed Ensemble Voting Model for Fake News Detection	Extractive Summarization of Scientific Articles	A Comparative Study of Machine Learning Approaches for Rumors Detection in Covid-19 Tweets
	<i>Amr Shokry Nile University, Egypt</i>	<i>Sherry Girgis Net sync, Egypt</i>	<i>Rana Reda Waly October University for Modern Sciences and Arts, Egypt</i>	<i>Nsrin Ashraf Benha University, Egypt</i>
11:15 - 12:15	Break			
12:15 - 01:30	Session 13 Virtual Hall 1 Chair: Dr.Ayman Taha https://miuegypt-edu-eg.zoom.us/j/93391289716	Session 14 Virtual Hall 2 Chair: Dr. Taragy Ghanim https://miuegypt-edu-eg.zoom.us/j/97345007099	Session 15 Virtual Hall 3 Chair: Prof. A. Nasser Zayed https://miuegypt-edu-eg.zoom.us/j/92318875043	Session 16 Virtual Hall 4 Chair: Dr.Fatma Helmy https://miuegypt-edu-eg.zoom.us/j/98293357160
12:15 – 12:30	Paper ID: 15	Paper ID: 102	Paper ID: 54	Paper ID: 30
	PHP: Vulnerabilities and Solutions	A New Model for Stock Market Predication Using a Three-Layer Long Short-Term Memory	Deep learning approaches for analysing visual stimuli from human fMRI	Dental implant recognition and classification with Convolutional Neural Network
	<i>Mahmood Al-khassaweneh Lewis University,USA</i>	<i>Ayman Nabil Misr International University, Egypt</i>	<i>Mina Wahba Helwan University, Egypt</i>	<i>Andrew Ayman October University for Modern Sciences and Arts, Egypt</i>

12:30 – 12:45	Paper ID: 62	Paper ID: 74	Paper ID: 67	Paper ID: 75
	Blackhole Attack effect on MANETs' Performance	DeepFake Video Detection	RetinalNet-500 : A newly developed CNN Model for Eye Disease Detection	Exploring Brain Tumor Classification Using Deep Learning
	<i>Mai Ayed Nile University, Egypt</i>	<i>Rahma Abdelsamia Arab Academy for Science, Technology and Maritime Transport, Egypt</i>	<i>Sadikul Alim Toki BRAC University, Dhaka, Bangladesh</i>	<i>Habiba Mohamed Mousa October University for Modern Sciences and Arts, Egypt</i>
12:45 – 01:00	Paper ID: 65	Paper ID: 27	Paper ID: 60	Paper ID: 69
	Performance Comparison of AODV and DSDV In Vehicular Ad Hoc Networks	Fruit Disease's Identification and Classification using Deep Learning Model	Ad-hoc Networks Performance based on Routing Protocol Type	Using Blockchain Technology in MANETs Security
	<i>Ahmed Yassin Nile University, Egypt</i>	<i>Mohammed Matboli October University for Modern Sciences and Arts, Egypt</i>	<i>Ashraf Abdelhamid Nile University, Egypt</i>	<i>Ahmed Said Nile University, Egypt</i>
01:00 – 01:15	Paper ID: 59	Paper ID: 96	Paper ID: 95	Paper ID: 19
	The Prediction Of Blood Glucose Level By Using The ECG Sensor of Smartwatches	Building Optimized Framework for Prognosis of Breast cancer Classification Based on Computational Intelligence	An optimized approach for Paternity Testing using rs numbers and whole genome	A Comparison between Linear, Non-linear, and Adaptive MPC Controllers for ABB IRB120 Robot in Collaborative Assembly
	<i>Youssef Salama October University for Modern Sciences and Arts, Egypt</i>	<i>Magdy Zeid Obour High Institute for Management and Informatics, Egypt</i>	<i>Ashraf AbdelRaouf Misr International University, Egypt</i>	<i>Hend Aafia Nile University, Egypt</i>
01:15 – 01:30	Paper ID: 39			
	Accuracy Improvement Techniques for network traffic classification using neural networks algorithms on Amazon SageMaker			
	<i>Abdullah Mohammed Ain Shams University, Egypt</i>			
01:30-01:45	Closing Session			