

# IEEE International Conference on Machine learning and Applied Network Technologies (ICMLANT 2022)

EL SALVADOR, 15 - 16 DECEMBER, 2022 (GMT-6, El Salvador Time)

Schedule	Thursday, December 15	Friday, December 16
9:00 am – 9:25 am	<b>Opening Ceremony</b> <b>Keynote 1</b> <b>System and Application Software are Obslets</b> <b>What's Next: Fayad's Unified Software Engine (FUSE)</b> <i>Dr. M.E. Fayad</i>	
9:30 am - 9:50 am	<b>A Flexible CNN Architecture for Real-Time FPGA Implementation</b> <i>Fábio Coutinho, Hugerles Silva, Petia Georgieva and Arnaldo Oliveira</i>	
9:55 am – 10:15 am	<b>Effect of Complexity and Frequency of Projected Symbology of Head-Up Display while</b> <i>Jhulan Kumar, Surender Singh Saini, Divya Agrawal, Aman Kataria and Vinod Karar</i>	<b>Analyzing the Traffic of MANETs using Graph Neural Networks</b> <i>Taha Tekdoğan</i>
10:20 am – 10:40 am	<b>Plant Disease Detection Using DeepNets and Ensemble Technique</b> <i>Saanidhya Vats and Venkata Naga Aditya Datta Chivukula.</i>	<b>Multi-Classification Deep Learning Model For Diagnosing Different Chest Diseases</b> <i>Bandhan Dey, Muhsina Bintoon Yiasha and Gulam Sulaman Choudhury</i>
10:45 am – 11:05 pm	<b>Analyzing Deficits in Awareness Among Chief Supply Chain Officers Who Have Not Adopted Cybersecurity as a Threat to Supply Chains</b> <i>S. Raschid Muller</i>	<b>The Effect of Adding a One Degree of Freedom to a Robotic Manipulator</b> <i>Manuel Cardona, Jose Luis Ordoñez-Avila and Islam Magomedov</i>
11:05 am – 11:15 am	Break	Break
11:15 am – 11:35 pm	<b>AI-based botnet attack classification and detection in IoT devices</b> <i>Vikram Puri, Aman Kataria, Vijender Kumar Solanki and Sita Rani</i>	<b>Machine learning for telecoms: From churn prediction to customer relationship management</b> <i>Farah Alhaqui, Mariam Elkhechafi and Ahmed Elkhadimi</i>
11:40 am – 12:00 pm	<b>Comparisons of Deep Learning Models to predict Energy Consumption of an Educational Building</b> <i>Julio Barzola-Monteses, Wendy Yáñez-Pazmiño, Eduardo Flores-Morán and Franklin Parrales-Bravo</i>	<b>Robotics Platforms for Solar Tracking System: A Review</b> <i>Manuel Cardona and Fernando Serrano.</i>
12:05 am – 12:25 pm	<b>Rubber Buddy: A mobile application to empower rubber planters of Sri Lanka</b> <i>Aparna Jayawardena, Kasuni Ganegoda, Sakuni Imbulana, Gavin Gunapala, Thilini Jayasinghe and Nuwan Kodagoda</i>	<b>MQTT based Push to talk application for Retail Stores</b> <i>Sandeep Shekhawat</i>
12:25 pm – 6:00 pm	Break	Break
6:00 pm – 6:20 pm	<b>A Novel Monitoring System for Contagious Diseases of Patients using a Parallel Planar Robot</b> <i>Jose Luis Ordonez, Manuel Cardona, Douglas Adalberto Aguilar, Marcial Ordoñez and Claudia L. Garzón-Castro</i>	
6:25 pm – 6:45 pm	<b>Literature Review on Artificial Intelligence Implementation in the Honduran Agricultural Sector</b> <i>Maria Elena Perdomo, Manuel Cardona, Leonardo David Romero and Nayeli Sarahi Barnica</i>	<b>Towards Federated Learning Based Contraband Detection within Airport Baggage X-Rays</b> <i>Sai Puppala, Ismail Hossain and Sajedul Talukder</i>
6:50 pm – 7:10 pm	<b>Wheels Statistical Analysis for Mobile Robots in Irregular Surface: Spring Stiffness Calculation</b> <i>Manuel Cardona, Hector Moreno, Jose Luis Ordoñez, Douglas Aguilar and Marcial Ordoñez</i>	<b>Implementation of Evacuation Routes with Augmented Reality in a Programmed Evacuation</b> <i>Maria Elena Perdomo, Maria Jose Fuentes and Dennis Roberto Banegas</i>
7:15 pm – 7:35 pm	<b>Coral Detection using Artificial Neural Networks based on Blurry Images for Reef Protection in Cayo Blanco, Honduras</b> <i>Delond Angelo Jimenez-Nixon, Jorge F. Matute Corrales and Alicia Maria Reyes-Duke</i>	<b>Development of an Artificial Vision Algorithm for T-shirt Inspection</b> <i>Lauren Serrano and Maria Elena Perdomo</i>
7:35 pm – 7:50 pm	Break	Break
7:50 pm – 8:10 pm	<b>A study of the Beeclust algorithm for robot swarm aggregation</b> <i>Oscar Acevedo, Yennifer Rios, Luis García and Dayana Narvaez</i>	<b>State of the Art and Current Perception of Augmented Reality in Honduras</b> <i>Maria Elena Perdomo, Manuel Cardona, Leonardo David Romero and Nayeli Sarahi Barnica</i>
8:15 pm – 8:35 pm	<b>Design, construction and control of a SCARA robot prototype with 5 DOF</b> <i>Delond Angelo Jimenez-Nixon, María Celeste Paredes-Sánchez and Alicia María Reyes-Duke</i>	<b>Keynote 3</b> <b>Information Security: Metamorphic Cryptography Approach</b> <i>Munesh Trivedi, PhD</i>
8:15 pm – 8:35 pm	<b>A Systematic Review of Control Strategies for Solar Tracking Systems</b> <i>Manuel Cardona, Fernando Serrano</i>	<b>Keynote 4</b> <b>Real-time ML Applications on Wearable Devices</b> <i>Tran Duc-Tan, PhD</i>
8:40 pm – 9:00 pm	<b>Keynote 2</b> <b>Artificial Intelligence, a Brief History, Current Pitfalls, and Future Tendencies</b> <i>Mario I. Chacón, PhD</i>	<b>Closing Ceremony</b>