

EST	Wednesday, December 18 - Day 1 (morning)		
07:30	Breakfast (7:30-8:00) (Alcazaba Ballroom)		
08:00	Welcome and Opening Remarks - (Hall of Ambassadors Ballroom)		
08:15	Title: Multivariate Measures of Statistical Dependence Keynote Speaker: Dr. Jose C. Principe, University of Florida (Hall of Ambassadors Ballroom)		
09:15	Break (9:15-9:30)		
	Hall of Ambassadors Ballroom	Venetian East	Venetian West
	11A: Deep Learning (Taehee Jeong)	11B: Health I (Nelly Elsayed, Atul Rawal)	11C: Tutorial 1 - Hands-On Introduction to Quantum Machine Learning
09:30	397 - Squeeze-and-Remember Block (Cakaj, Rinor*; Mehnert, Jens; Yang, Bin)	402 - Detection of Behavioral Health Challenges in High School Students (Buy, Ugo*; Ingenito, Emilio; S Radhakrishnan, Thiruvenkadam; Keller, Mary; Boerke, Kyle)	
09:50	467 - Graph Integration for Diffusion-Based Manifold Alignment (Rhodes, Jake*; Rustad, Adam)	440 - A Machine Learning Approach for Identifying HLA Variants Associated with Symptomatic and Asymptomatic COVID-19 (Rawal, Atul*; Jawa, Rayan; Sauna, Zuben)	
10:10	526 - Adarmer: An Adaptive Transformer for Direct Normal Irradiance Forecasting (Hassan, Muhammad Saud Ul; Liaqat, Kashif*; Schaefer, Laura)	518 - Learnable Deep Wavelet Packet Transform for Speech Emotion Recognition in High-Risk Suicide Calls (Nfissi, Alaa*; Bouachir, Wassim; Bouguila, Nizar; Mishara, Brian)	
10:30	724 - Comparative Analysis of Inference Performance of Pre-trained Deep Neural Networks in Analog Accelerators (Rahman, Mafizur*; Huang, Max; Li, Lin; Qian, Lijun)	527 - Intelligent Fall Detection and Emergency Response for Smart Homes Using Language Models (Mithsara, Malithi; Shahid, Abdur Rahman Bin*; Yang, Ning)	
10:50	831 - Adaptation of Transformer Model for Numeric Case (Daniljuk, Mihhail*; Rikka, Sander; Nomm, Sven)	911 - Recommendation Tool for Alleviating Depression and Suicidal Tendencies Through Healthier Social Media Use (Hughes, Travis Scott; Jain, Bhavika; Farooque, Mahfuza*)	
11:10	Coffee Break (11:10-11:30) (Prefunction, Outside of Main Ballroom)		
	12A: Generative Adversarial Networks (Abm Adnan Azmee)	12B: Education and Sport (Mateus de Araujo Fernandes)	12C: Tutorial 1 - Hands-On Introduction to Quantum Machine Learning
11:30	747 - RaceGAN: A Framework for Preserving Identity while Converting Racial Information for Image-to-Image Translation (Pervin, Mst. Tasnim*; Bebis, George; Jiang, Fang; Tavakkoli, Alireza)	700 - Identifying Hierarchical Community Structures in Content-based Scholarly Social Networks (Noor, Md Asaduzzaman; Clark, Jason; Sheppard, John*)	

11:50	777 - DualGAN: Dual Adversarial Time Series Generation via Generative Adversarial Networks and Autoencoders (<i>EskandariNasab, MohammadReza*; Hamdi, Shah Muhammad; Filali Boubrahimi, Soukaina</i>)	751 - Real-Time Human-Classified Emotional MIDI Dataset Integration for Symbolic Music Generation (<i>Kerobo, Justin*; Bukvic, Ivica</i>)	
12:10	810 - An Approach for Data Augmentation in HAR with Wearable Sensors Using TIMEGAN (<i>Silva, Jonathan*; Silva, Mateus; Rabelo, Ricardo; Amorim, Vicente; Lazaroni, Pedro</i>)	773 - Intelligent Soccer Event Detection and Highlights Generation with Broadcast Cues Integration (<i>Chuprov, Sergei*; Narayanan, Anirudh Ramesh; Reznik, Leon; Korobeinikov, Dmitrii; Zatsarenko, Raman</i>)	
12:30	Lunch (12:30-14:00) (Alcazaba Ballroom)		

EST	Wednesday, December 18 - Day 1 (afternoon)		
	13A: LLMs I (Aritra Ray)	13B: Combined (Zag ElSayed)	13C: Tutorial 2 - A Modular Neuromorphic Framework for the Sensor Edge
14:00	488 - LLM for Generating Simulation Inputs to Evaluate Path Planning Algorithms (Wang, Chenyang*; Diller, Jonathan; Han, Qi)	556 - Towards Physically Consistent Deep Learning For Climate Model Parameterizations (Kühbacher, Birgit*; Iglesias-Suarez, Fernando; Kilbertus, Niki; Eyring, Veronika)	
14:20	506 - Qualitative Diagnosis of LLMs as Judges using LevelEval (Boyapati, Mallika*; Meesala, Lokesh; Aygun, Ramazan; Franks, Bill; Choi, Hansook; Riordan, Sereres; Modgil, Girish)	614 - Data-Driven Graph Construction of Power Flow Graphs for Electric Power Transmission Networks (Poole, Benjamin*; Ratnakumar, Rajan; Madurasinghe, Dulip Tharaka; Kümmerle, Christian; Venayagamoorthy, Ganesh Kumar; Lee, Minwoo)	
14:40	740 - Performance Envelopes of Linear Probes for Latent Representation Edits in GPT Models (Davis, Austin; Sukthankar, Gita*)	886 - Critic Loss for Image Classification (Rapazzo, Brendan*; Ferber, Aaron; Gomes, Carla)	
15:00	759 - Through the Looking Glass: LLM-Based Analysis of AR/VR Android Applications Privacy Policies (Alghamdi, Abdulaziz; Mohaisen, David*)	361 - Domain Adaptation Utilizing Texts and Visions for Cross-domain Recommendations with No Shared Users (Shiga, Kentaro*; Haruta, Shuichiro; Li, Zhi; Hara, Takahiro)	
15:20	Coffee Break (15:20-15:40) (Prefunction, Outside of Main Ballroom)		
	14A: Deep Reinforcement Learning (Loren Anderson)	14B: Health II (Mitsu Ogihara)	14C: Tutorial 2 - A Modular Neuromorphic Framework for the Sensor Edge
15:40	339 - Concurrent Learning of Bayesian Agents with Deep Reinforcement Learning for Operational Planning (Brandes, T. Scott*; Li, Letitia; Clymer, Daniel; Blair, Eric; Miller, Michael; Pravia, Marco)	813 - Predicting Drug Effects from High-dimensional Asymmetric Drug Data Sets using Graph Neural Networks: A Comprehensive Analysis of Multi-target Drug Effect Prediction (Bose, Avishek*; Cong, Guojing)	

16:00	387 - Leveraging A* Pathfinding for Efficient Deep Reinforcement Learning in Obstacle-Dense Environments (Lopez Yepez, Junior*; Dansereau, Charles; Fagette, Antoine; Carvalhais-Sanches, Filipe)	843 - KG-Infused LLM for Virtual Health Assistant: Accelerated Inference and Enhanced Performance (Katta , Siva Kumar *; Ray, Aritra; Firouzi, Farshad; Chakrabarty, Krishnendu)	
16:20	418 - Enhancing High-Frequency Trading with Deep Reinforcement Learning using Advanced Positional Awareness Under a Directional Changes Paradigm (Rayment, George*; Kampouridis, Michael)	845 - Application of machine learning techniques to drive immunological insights towards malaria prognosis using microarray data (Makanaboyina, Sashank; Yang, Zonglin ; Ramaraj, Thiruvarangan*; Vijay, Rahul)	
16:40	Break (16:40-17:00)		
17:00	Poster Sessions 1 and 2 (Alcazaba Ballroom)		
20:00	End of the day		

EST	Thursday, December 19 - Day 2 (morning)		
07:30	Breakfast (7:30-8:00) (Alcazaba Ballroom)		
08:00	Daily Remarks		
08:15	Title: Responsible Adaptation of Large Generative AI Models for Domain Specific Learning Keynote Speaker: Dr. Ling Liu, Georgia Tech (Hall of Ambassadors Ballroom)		
09:15	Break (9:15-9:30)		
	21A: Reinforcement Learning (Haotian Yin)	21B: Chemical/Material/Drug (Xintao Wu)	21C: SS5 - Machine Learning for Earth Observation (Jerry Bonnell)
09:30	568 - Reinforcement Learning as an Improvement Heuristic for Real-World Production Scheduling (<i>Müller, Arthur*</i> ; <i>Vollenkemper, Lukas</i>)	529 - Deep Learning Based Inverse Modeling for Materials Design: From Microstructure and Property to Processing (<i>Wang, Kewei*</i> ; <i>Mao, Yuwei</i> ; <i>Hasan, Mahmudul</i> ; <i>Billah, Md Maruf</i> ; <i>Kilic, Muhammed Nur Talha</i> ; <i>Gupta, Vishu</i> ; <i>Liao, Wei-keng</i> ; <i>Choudhary, Alok</i> ; <i>Acar, Pinar</i> ; <i>Agrawal, Ankit</i>)	838 - Towards Multi-class Open-set Recognition by Use of Lower Dimensional Latent Space Embeddings (<i>Warner, John*</i> ; <i>Patel, Vishal</i>)
			979 - Detecting Important Drivers of Gridded Population Modeling With Machine Learning (<i>Lebakula, Viswadeep*</i> ; <i>Adams, Daniel</i> ; <i>Epting, Justin</i> ; <i>Stipek, Clinton</i> ; <i>Urban, Marie</i>)
09:50	570 - Learning Interpretable Policies in Hindsight-Observable POMDPs through Partially Supervised Reinforcement Learning (<i>Lanier, Michael*</i> ; <i>Xu, Ying</i> ; <i>Vorobeychik, Yevgeniy</i> ; <i>Jacobs, Nathan</i> ; <i>Zhang, Chongjie</i>)	554 - Oracle Embeddings for Chemical Detection (<i>Dunham, Cate*</i> ; <i>Barger, Maria</i> ; <i>Paffenroth, Randy</i> ; <i>Uzarski, Joshua</i> ; <i>Tsai, Chia-Wei</i>)	993 - Predicting Particulate Matter Values in Metropolitan Areas Using Machine Learning (<i>Leiva-Araos, Andrés*</i> ; <i>Vemuri, Tushya</i> ; <i>Mena, David</i> ; <i>Liu, Xudong</i>)
			1046 - Characterizing the Impact of Common Electro-Optical Sensor Anomalies on Maritime Image Classifiers (<i>Kim, Sean*</i>)
10:10	613 - GADLE: A Robust Alternative to Reinforcement Learning for Systematic Investment (<i>Gupta, Prasang*</i> ; <i>Gupta, Praiiwal</i> ; <i>Hada, Shaz</i> ; <i>Rao, Anand</i>)	453 - Wave-Based Neural Network for Damage Localization in Materials (<i>Moreh, Fatahlla*</i> ; <i>Tomforde, Sven</i> ; <i>Wuttke, Frank</i> ; <i>Rizvi, Zarahaam</i> ; <i>HASAN, YUSUF</i>)	
10:30	Coffee Break (10:30-10:50) (Prefunction, Outside of Main Ballroom)		

	22A: Learning and Optimization (Jake Rhodes)	22B: Privacy, Security, Trustworthiness (Chetan Kumar)	22C: SS3 - Machine Learning for Predictive Models (Samira Sadaoui)
10:50	539 - Diffusion Evolution Based Subspace Extraction for Image Data K-Means (Li, Bingcheng*)	494 - Unsupervised Anomaly Detection in Urban Water Networks Using a Hierarchical Deep Learning Model (Oliver, Miquel*; Escriba, Guillem; Pérez Carrasco, David; Vila, Nicolas; Marin, Daniel)	994 - Towards Highly Efficient Anomaly Detection for Predictive Maintenance (Klüttermann, Simon*; Peka , Vanlal ; Doebler, Philipp; Müller, Emmanuel) 1000 - An Evaluation and Comparison of Machine Learning Methods for Prediction of Lubricant Film Thickness (Combs, Caleb*; Avalos Gauna, Edgar; Higgs, Fred)
11:10	553 - New Class Labeling and Evaluation Methodology for Balanced and Highly Imbalanced Data (Walauskis, Mary; Khoshgoftaar, Taghi*)	530 - Natural Adversarial Attacks (Hughes, Michael*; Schewe, Sven)	1001 - On the Effectiveness of Heterogeneous Ensemble Methods for Re-identification (Klüttermann, Simon*; Rutinowski, Jérôme; Polachowski, Frederik; Nguyen, Anh; Grimme, Britta; Roidl, Moritz; Müller, Emmanuel) 1019 - High-speed Deformation Prediction in Selective Laser Melting Using Context-adaptive Neural Networks (Vandecasteele, Mathieu*; Iuso, Domenico; Hamidi Nasab, Milad; Verhees, Dries; Sanctorum, Joaquim; Nourazar, Mohsen; Bey-Temsamani, Abdellatif; Booth, Brian)
11:30	617 - Multi-Margin Cosine Loss: Proposal and Application in Recommender Systems (Ozsoy, Makbule Gulcin*)	569 - An Evaluation of Low-Shot Learning Techniques for the Detection of Credit Card Fraud (Billion Polak, Preston; Khoshgoftaar, Taghi*)	1033 - AssemAI: Interpretable Image-Based Anomaly Detection for Manufacturing Pipelines (Kaippilly Mana, Renjith Prasad*; Jayakody Kankanamalage, Chathurangi Shyalika; El Kalach, Fadi ; Venkataramanan, Revathy; Zand, Ramtin; Harik, Ramy; Sheth, Amit) 1056 - Brazilian free-energy market mid- and long-term forecasting using multi-source ensemble solution (Junior, Sergio*; Martiello Mastelini, Saulo; DOS SANTOS, MOISES; Basile, Marcos; Guarnier, Ewerton; Filho, Donato; Fernandes, Thaina; Eugenia de Carvalho Marchesini Santos, Maria; Rosa, Victor)
11:50	679 - Hypergraph Contrastive Learning with Graph Structure Learning for Recommendation (Dose, Yuma*; Haruta, Shuichiro; Zhang, Yihong; Hara, Takahiro)	816 - Financial Fraud Detection using Jump-Attentive Graph Neural Networks (Kadam, Prashank*)	1064 - Fusion of Real and Synthetic Subtracted Contrast-Enhanced Mammograms for Enhanced Tumor Detection (Nakach, Fatima-Zahrae; Tsirikoglou, Apostolia; Idri, Ali*) 1091 - A Multi-layered Expert Recommender System for Enhanced Customer Support (Ebadi, Ashkan*)
12:10	683 - FastMapSVM/FastMapSVR for Predictive Tasks on CSPs SAT and Weighted CSPs (Zheng Kevin*; Li Anna*)	840 - The Goofus & Gallant Story Corpus for Practical Value Alignment (Nahian, Md Sultan Al *; Tasrin, Tasmin; Frazier	1092 - Harnessing Machine Learning and Stock Market Techniques for Signal Detection in Underwater Sensing Technologies (Ebadi, Ashkan*; Auger, Alain; Gauthier, Yvan)

12:10	CSFs, SAT, and Weighted CSFs (Zheng, Xian*; Li, Ang, Kumar, T. K. Satish)	Alignment (Hudson, Ma Sutan A*; Rusini, Rusma, Frazier, Spencer; Riedl, Mark; Harrison, Brent)	1093 - Advancing Energy Monitoring: Deep Learning for Automated Non-Smart Gas Meter Readings (Enshaei, Nastaran; Tremblay, Stéphane; Ebadi, Ashkan*)
12:30	906 - Quasi-Adam: Accelerating Adam using quasi-Newton approximations (Ranganath, Aditya; Romero Ruiz, Irabel*; Singhal, Mukesh; Marcia, Roummel)	848 - BrainLeaks: On the Privacy-Preserving Properties of Neuromorphic Architectures against Model Inversion Attacks (Poursiami, Hamed*; Alouani, Ihsen; Parsa, Maryam)	1102 - Aircraft Engine Remaining Useful Life (RUL) Prediction Using Machine Learning (Liu, Xudong*; Kimollo, Michael) 1110 - Hierarchical Supervised Monte Carlo Ensemble Learning (Ursani, Ziauddin*; Antypov, Dmytro; Atkinson, Katie; Clymo, Judith; Dyer, Matthew; Rosseinsky, Matthew; Schewe, Sven; Vasylenko, Andrii)
12:50	Lunch (12:50-14:00) (Alcazaba Ballroom)		

EST	Thursday, December 19 - Day 2 (afternoon)		
	23A: LLMs II (Sherri WeitlHarms)	23B: Object Detection and Segmentation I (Felipe Gomes de Oliveira)	23C: SS3 - Machine Learning for Predictive Models (Ashkan Ebadi)
14:00	653 - Effectively Prompting Small-sized Language Models for Cross-lingual Tasks via Winning Tickets (Li, Mingqi*; Luo, Feng)	445 - ProtoGMM: Multi-prototype Gaussian-Mixture-based Domain Adaptation Model for Semantic Segmentation (Moradinasab, Nazanin*; Shankman, Laura; Deaton, Rebecca; Owens, Gary; Brown, Donald)	1119 - Enhancing Pipeline Monitoring: Optimizing Window Size with Monte Carlo Search and CB-AttentionNet (Khazali, Sahar*; Al Shoura, Tariq; Moshirpour, Mohammad) 1122 - A Game-Theoretic Analytical Framework for Approximation with Soft Sets (Li, Chenqi*; Yao, JingTao)
14:20	774 - Leveraging Language Models for Analyzing Experiential Time-Series Data in Education (FNU, Ahatsham*; Khan, Bilal; Hasan, Mohammad)	449 - Spatial Transformer Network YOLO Model for Agricultural Object Detection (Zambre, Yash*; Peebles, Joshua; Mohan, Akshatha; Rajkitkul, Ekdev)	23C: SS4 - Quantum Machine Learning (Samuel Yen-Chi Chen)
14:40	796 - Tensor Train Low-rank Approximation (TT-LoRA): Democratizing AI with Accelerated LLMs (Anjum, Afia*; Eren, Maksim; Boureima, Ismael; Alexandrov, Boian; Bhattarai, Manish)	455 - ReL-SAR: Representation Learning for Skeleton Action Recognition with Convolutional Transformers and BYOL (Naimi, Safwen*; Bouachir, Wassim; Bilodeau, Guillaume-Alexandre)	946 - Hierarchical Learning for Training Large-Scale Variational Quantum Circuits (Su, Vincent*; Gharibyan, Hrant) 1004 - Mitigating the Effects of Concept Drift from Data Streams in Quantum Machine Learning (Lee, Travis*; Ismail, Muhammad; Chen, Samuel Yen-Chi)
15:00	917 - Generalizing Functional Error Correction for Language and Vision-Language Models (Peng, Wenyu*; Siegel, Paul; Zheng, Simeng; Baluja, Michael; Xie, Tao)	730 - Towards a Feasible Palm Vein Verification Scheme Using Deep Autoencoder and Siamese Networks (Nunes, Mateus; Viegas, Eduardo*; Santin, Altair)	1014 - Utilizing a Hybrid Matrix Product State and Variational Quantum Circuit Architecture for the Detection of Kidney Diseases (Jannapureddy, Vidur; Yoo, Shinjae*; Tseng, Huan-Hsin)
15:20	Coffee Break (15:20-15:40) (Prefunction, Outside of Main Ballroom)		
	24A: Image Processing and Computer Vision (Venkata Devesh Reddy Seethi)	24B: Temporal and Time Series (Zag ElSayed)	24C: SS1 - Deep Learning and Applications (Flore Stecie Norceide)

15:40	579 - Multimodal Fusion Networks for Workload Modeling (Hu, Shengnan; Sukthankar, Gita*)	547 - Developing the Temporal Graph Convolutional Neural Network Model to Predict Hip Replacement using Electronic Health Records (Hancox, Zoe*; Conaghan, Philip; Kingsbury, Sarah; Clegg, Andrew; Relton, Samuel D.)	866 - A Comparative Analysis of Transformer and LSTM Models for Detecting Suicidal Ideation on Reddit (Hasan, Khalid; Saquer, Jamil*)
			951 - Enhancing Synthetic Well Logs with PCA-Based GAN Models (Garcia, Luciano*; Ramos, Gabriel; Silveira, Ariane; Oliveira, José)
16:00	661 - YOLO-SCSA: Enhanced YOLOv8 with Spatially Coordinated Shuffling Attention Mechanisms for Skin Cancer Detection (Kim, Jinyoon; Chen, Tianjie; nguyen, Hien; Kabir, Md Faisal*)	632 - Enhancing Multivariate Time Series-based Solar Flare Prediction with Multifaceted Preprocessing and Contrastive Learning (EskandariNasab, MohammadReza*; Hamdi, Shah Muhammad; Filali Boubrahimi, Soukaina)	957 - Mental Stress Classification by Attention-based CNN-LSTM Algorithm of Electrocardiogram Signal (Lee, Jihun*; Hong, Jisun; Choi, Daegil; Jung, Jaehyo)
			961 - Multi-Sphere Anomaly Detection with Hyperspherical Layers (Saint-Jean, Christophe*; de Saint Angel, Julien)
16:20	825 - APL: Adaptive Parameter Learning for Image Dehazing (Martinho, Laura; Cavalcanti, Joao; Souza Pio, José Luiz; Oliveira, Felipe*)	648 - Temporal Dynamics of Classroom Stress: Insights from Wearable Sensors and Machine Learning (Calbert, Latherial*; Hashemi Tonekaboni, Navid)	962 - Depression Classification Algorithm Based on Voice Signals Using MFCC and CNN Autoencoders (Hong, Jisun*; Lee, Jihun; Choi, Daegil; Jung, Jaehyo)
			971 - WeedVision: Multi-Stage Growth and Classification of Weeds using DETR and RetinaNet for Precision Agriculture (Islam, Taminul*; Sarker, Toqi Tahamid; Ahmed, Khaled; Rankrape, Cristiana Bernardi; Gage, Karla)
16:40	752 - RFOOD: Real-time Facial Authentication and Out-of-distribution Detection with Short-range FMCW Radar (Kahya, Sabri Mustafa*; Yavuz, Muhammet Sami; Sivrikaya, Boran Hamdi; Steinbach, Eckehard)	660 - Learning Extended Forecasts of Soil Water Content via Physically-Inspired Autoregressive Models (Kokten, Ozmen Erkin*; Raich, Raviv; Fern, Alan; Holmes, James)	988 - Efficient Retraining for Continuous Operability through Strategic Directives (Nakasone, Gentoku*; Motokawa, Yoshinari; Miyashita, Yuki; Sugawara, Toshiharu)
			995 - Evaluating Adversarial Attacks on Traffic Sign Classifiers beyond Standard Baselines (Pavlitska, Svetlana*; Müller, Leopold; Zöllner, Marius)
17:00	814 - EDADepth: Enhanced Data Augmentation for Monocular Depth Estimation (Khanal, Nischal*; Sheshappanavar, Shivanand Venkanna)	735 - Time Series Classification of Supraglacial Lakes Evolution over Greenland Ice Sheet (Hossain, Emam*; Gani, Md Osman; Dunmire, Devon; Subramanian, Aneesh; Younas, Hammad)	996 - Real-Time Automatic Checkout via Prompt-Based Product Extraction and Cross-Domain Learning (Pettersson, Tobias*; Riveiro, Maria; Löfström, Tuwe)
			1008 - Edge-Centric Real-Time Segmentation for Autonomous Underwater Cave Exploration (Mohammadi, Mohammadreza; Abdullah, Adnan; Juneja, Aishneet ; Rekleitis, Ioannis; Islam, Md Jahidul; Zand, Ramtin*)
17:20	835 - UDBE: Unsupervised Diffusion-based Brightness Enhancement in Underwater Images (Schein, Tatiana;	454 - Enhancing EEG Motor Imagery Time Point Signal Classification through Reinforcement Learning and Graph	1015 - Turn Down The Noise: Perceptually Constrained Attacks for Multi-Label Audio Classification (Capulong, Erick*; Capulong, Erick; McClure, Patrick; Orescanin, Marko; Ortiz, Pedro)

17:40	Almeida, Gustavo ; Brião , Stephanie; de Bem, Rodrigo; Oliveira, Felipe*; Drews-Jr, Paulo)	Neural Networks (Aung, Htoo Wai*; Li, Jiao Jiao; An, Yang; Su, Steven)	1030 - Leveraging LLMs for Integrated Sentiment and Topic Analysis on African Social Media (Sibitenda, Harriet*; Hu, Ruofan; Rundensteiner, Elke; Diattara, Awa; Traore, Assitan; Ba, Cheikh)
17:40	Break (17:40-18:45)		
18:45	Award (Hall of Ambassadors Ballroom)		
19:00	Dinner (Alcazaba Ballroom)		

EST	Friday, December 20 - Day 3 (morning)		
07:30	Breakfast (7:30-8:00) (Alcazaba Ballroom)		
08:00	Daily Remarks		
08:15	Panel Discussion: Women in AI Moderator: Vanessa Aguiar-Pulido, Nelly Elsayed Panelists: Olfa Nasraoui, Maria Kyrarini, Behnaz Ghoraani, Yelena Yesha (Hall of Ambassadors Ballroom)		
09:15	Small Break (9:15-9:30)		
	31A: Neural Network (Aritra Ray)	31B: Federated Learning (Rajesh Kalakoti)	31C: SS1 - Deep Learning and Applications (Md Faisal Kabir)
09:30	584 - Matrix-Based Representations and Gradient-Free Algorithms for Neural Network Training (Rozario, Turibius; Oveissi, Parham*; Goel, Ankit)	619 - Let’s Federate - Effective Communication Strategy for Dynamic Client Participation (Jarczewski, Rafael*; Cerqueira, Eduardo; Bittencourt, Luiz; A.F. Loureiro, Antonio; Villas, Leandro; Souza, Allan)	1048 - Finding an Optimal Small Sample of Training Dataset for Computer Vision Deep-Learning Models (Yehezkel, Aviv*)
			1059 - A Dissimilarity-Based Countermeasure for Detecting Replay Attacks in Speaker Verification (Pinto, Maria Eduarda Maciel ; Britto, Alceu; Hochuli, Andre*)
09:50	800 - Analytically Determining the Robustness of Binarized Neural Networks (Alzahrani, Sahar*; Schewe, Sven; Huang, Chao; Huang, Xiaowei)	658 - SAFARI: Self-regulated Clustered Federated Learning in a Heterogeneous Environment (Puppala, Sai*; Hossain, Ismail; Alam, Jahangir; Talukder, Sajedul)	1069 - TriplePlay: Enhancing Federated Learning with CLIP for Non-IID Data and Resource Efficiency (Imteaj, Ahmed*; Hossain, Md Zarif; Zaman, Saika; Shahid, Abdur Rahman Bin)
			1078 - Computer Vision Based Neurology Brain Activity Rejection Architecture and Implementation (ElSayed, Zag*)
			1100 - Dynamical System Autoencoders (He, Shiquan*; Paffenroth, Randy; Cava, Olivia; Dunham, Cate)

10:10	903 - Neural Network Ensembling with Random Features (Mau, Jarrod*; Moon, Kevin)		1035 - Deep Fake Video Classification with Sequential Input Frames Using Hybrid Deep Learning Models and Bayesian Optimization (Chittam, Swetha*; Roy, Kaushik; Johnson, David; Yuan, Xiaohong)
10:30	Coffee Break (10:30-10:50) (Prefunction, Outside of Main Ballroom)		
	32A: Robustness (Pankaj Deoli)	32B: Uncertainty (Jake Rhodes)	32C: SS1 - Deep Learning and Applications (Taminul Islam)
10:50	468 - On the Performance and Robustness of Linear Model U-Trees in Mimic Learning (Green, Matthew*; Sheppard, John)	358 - Learning from Uncertainty: Improving Churn Prediction using Conformal Confidence Intervals (Guo, Yameng*; vanden Broucke, Seppe)	1103 - Using Deep Neural Networks to Quantify Parking Dwell Time (Ribas, Marcelo Eduardo Marques; Mendes, Heloisa Benedet; Oliveira, Luiz; Zanlorensi, Luiz; Almeida, Paulo Ricardo*)
			1111 - Zero-Shot Detection and Sanitization of Data Poisoning Attacks in Wearable AI using Large Language Models (Mithsara, Malithi*; Shahid, Abdur Rahman Bin; Yang, Ning)
11:10	711 - Whitening Consistently Improves Self-Supervised Learning (Kalapos, András*; Gyires-Tóth, Bálint)	448 - Capturing Uncertainty Over Time for Spiking Neural Networks by Exploiting Conformal Prediction Sets (Scholz, Daniel*; Emonds, Oliver; Kreutz, Felix; Gerhards, Pascal; Huang, Jiaxin; Knobloch, Klaus; Knoll, Alois; Mayr, Christian)	1127 - The Innate Curiosity in the Multi-Agent Transformer (Williams, Arthur*; Maguire, Alister; Soper, Braden; Merl, Dan)
			1129 - Data-driven Estimation of Flowing Bottom-Hole Pressure in Petroleum Wells using Long Short-Term Memory (Fernandes, Mateus*; Gildin, Eduardo; Sampaio, Marcio)
11:30	729 - Evaluation of Few-Shot Learning Algorithms, Training Methods, Backbones and Learning Task for Crack Detection in Manufacturing (Mehta, Dharmil*; Omri, Safa; Schaefer, Kristian; Renner, Niclas; Schniertshauer, Johannes; Neuheuttler, Jens)	504 - An Efficient Model-Agnostic Approach for Uncertainty Estimation in Data-Restricted Pedometric Applications (Barkov, Viacheslav*; Schmidinger, Jonas; Gebbers, Robin; Atzmueller, Martin)	1132 - Training Deep Neural Classifiers with Soft Diamond Regularizers (Kosko, Bart*; Adigun, Olaoluwa)
			1068 - Preserving Accuracy While Stealing Watermarked Deep Neural Networks (Ray, Aritra*; Firouzi, Farshad; Lafata, Kyle; Chakrabarty, Krishnendu)
11:50	888 - Energy-Based Models Trained With Equilibrium Propagation are Inherently Robust (Mansingh, Siddharth; Kucer, Michal; Kenyon, Garrett; Moore, Juston; Teti, Michael*)	766 - Uncertainty Quantified Deep Learning and Regression Analysis Framework for Image Segmentation of Skin Cancer Lesions (Shah, Pratik*)	1066 - Towards Adversarial Robustness of Model-level Mixture-of-Expert Architectures for Semantic Segmentation (Pavlitska, Svetlana*; Eisen, Enrico; Zöllner, Marius)
12:10	Lunch (12:10 - 13:40) (Alcazaba Ballroom)		

EST	Friday, December 20 - Day 3 (afternoon)		
	33A: Explainability (Venkata Devesh Reddy Seethi; Atul Rawal)	33B: Miscellaneous Application (Mike Hughes)	33C: SS2 -Machine Learning for NLP (Indika Kahanda)
13:40	375 - Multi-Layer Attention-Based Explainability via Transformers for Tabular Data (<i>Trevino Gavito, Andrea*; Klabjan, Diego; Utke, Jean</i>)	444 - A Global-Local Probsparse Self-Attention Transformer for LEO Satellite Orbit Prediction (<i>Huang, Guan; Shu, Tao*</i>)	566 - Tell Me More! Using Multiple Features for Binary Text Classification with a Zero-Shot Model (<i>Broneske, David*; Italya, Nikhilkumar; Mierisch, Fabian</i>) 952 - Sentiment Classification on Twitter(X) Through Ensemble Deep Random Vector Functional Links (<i>Henríquez, Pablo*</i>)
14:00	441 - iTRACE: In-depth Trends and Root Cause Analysis of Canadian Public Service Employee Survey (<i>Ebadi, Ashkan*</i>)	473 - Learning-based Attitude Estimation with Noisy Measurements and Unknown Gyro Bias (<i>Oveissi, Parham*; Mirtaba, Mohammad; Goel, Ankit</i>)	965 - Systematical randomness assignment for the level of manipulation in text augmentation (<i>Cha, Yuho*; Lee, Younghoon</i>)
14:20	858 - M-CELS: Counterfactual Explanation for Multivariate Time Series Data Guided by Learned Saliency Maps (<i>Li, Peiyu*; Bahri, Omar; Filali Boubrahimi, Soukaina; Hamdi, Shah Muhammad</i>)	832 - Deep learning-based method for an assessment of road traffic pollutant estimation from predicted driving behaviors (<i>Bussod, Suzanne*; SABIRON, Guillaume</i>)	1049 - Using LLMs to Establish Implicit User Sentiment of Software Desirability (<i>Weitl-Harms, Sherri*; Hastings, John; Lum, Jonah</i>)
14:40	937 - CLE: Context-Aware Local Explanations for High Dimensional Tabular Data (<i>Rahat, Fazle*; Hossain, M Shifat; Ahmed, Md Rubel; Ewetz, Rickard</i>)	847 - WindVibraTransformer: A Foundational Model for Precise and Robust Wind Turbine Condition Monitoring via Vibration Signals (<i>Wakayama, Takuya*; Inoue, Taiki; Ogata, Jun; Iida, Makoto; Ogawa, Tetsuji</i>)	
15:00	Coffee Break (15:00-15:20) (Prefunction, Outside of Main Ballroom)		
	34A: Domain Adaption/Generalization (Parth Ganeriwala)	34B: Object Detection and Segmentation II (Rinor Cakaj)	34C: SS2 - Machine Learning for NLP (Md Faisal Kabir)
15:20	503 - A3: Active Adversarial Alignment for Source-Free Domain Adaptation (<i>Eze, Chrisantus*; Crick, Christopher</i>)	765 - Segmentation of Maya Hieroglyphs Through Fine-tuned Foundation Models (<i>Shivam, FNU; Leight, Megan; Kate Kelly, Mary; Davis, Claire; Clodfelter, Kelsey; Thrasher, Jacob; Rahman, Chowdhury Mohammad Abid*; Reddy, Ramana; Gyawali, Prashnna</i>)	1106 - Detecting Cyberbullying in Visual Content: A Large Vision-Language Model Approach (<i>Mu, Jaden*; Cong, David; Qin, Helen; Ajay, Ishan; Guo, Keyan; Vishwamitra, Nishant; Hu, Hongxin</i>) 1112 - Domain-Specific Retrieval-Augmented Generation Using Vector Stores, Knowledge Graphs, and Tensor Factorization (<i>Barron, Ryan*; Grantcharov, Ves; Wanna, Selma; Eren, Maksim; Bhattarai, Manish; Solovyev, Nicholas; Nicholas, Charles; Rasmussen, Kim; Matuszek, Cynthia; Alexandrov, Boian</i>)

15:40	559 - On Contrastive Learning for Domain Generalization (Nguyen, Thuan*; Brown, Donald)	780 - SEATTNET: UNET Enhanced with Squeeze-Excited Attention Gates for Ice-Calving Front Segmentation (Putatunda, Rohan*; Purushotham, Sanjay; Janeja, Vandana)	1115 - Empathetic Reflective Response Generation: Towards Conversation Models for Online Mental Health Support (Giyahchi, Tootiya*; Pechmann, Cornelia ; Harris, Ian)
			1131 - LLM-based Sign Language Production (de Bem, Rodrigo*; Mendonça, Luca; Silveira , Wellington)
16:00	597 - Hierarchical Representation for Multi-Source Domain Adaptation Using Wasserstein Barycenter (El Hamri, Mourad*; FALIH, Issam; Rozenholc, Yves)	798 - Implementation of Off-Road Panoptic-Segmentation under dynamic lighting conditions (Deoli, Pankaj*; Samudrala, Koushik; Berns, Karsten)	
16:20	916 - Out-of-Distribution Detection for Contrastive Models using Angular Distance Measures (Hossain, M Shifat*; Walker, Chase; Jha, Sumit; Ewetz, Rickard)	836 - Swef-UNet: Toward an Efficient Pure Transformer-based Medical Image Segmentation (Tavakol Elahi, Maryam*; Lee, WonSook; Phan, Philippe)	
16:40	Small Break (16:40-16:50)		
	35A: Combined (Maria Baldeon Calisto)	35B: Workshop 1 - Human Aligned AI (Luca Demetrio)	35C: Workshop 3 - Green Algorithms (Nico Cavalcanti)
16:50	385 - MultiLangMemeNet: A Unified Multimodal Approach for Cross-Lingual Meme Sentiment Analysis (Sadat Shanto, Shakib*; Ahmed, Zishan; Reza, Ahmed Shakib; Morol, Md Kishor)	Invited talk	664 - Minimizing Hybrid Electric Power Generation Costs Using Smart Power Grid Solution (Mehta, Vijen*; Agrawal, Kunal; Madabathula, Charan Teja; Wang, Ming-Hwa)
			720 - Mutual Information-based feature selection for federated learning environments (Suárez-Marcote, Samuel*; Morán-Fernández, L.; Bolón-Canedo, Verónica)
728 - Iterative Feedback-Enhanced Prompting: A Green Algorithm for Reducing Household Food Waste (Wang, Yuekai*)			
17:10	471 - Leveraging Machine Learning Models to Predict the Outcome of Digital Medical Triage Interviews (Krylova, Sofia; Schmidt, Fabian*; Vlassov, Vladimir)		
17:30	828 - Deep Multi-Agent Reinforcement Learning for Real-World Signalized Traffic Corridor Control (Shuvo, Salman Sadiq*; Mukherjee, Sayak; Chatterjee, Samrat; Glavaski, Sonja; Vrabie, Draguna; Canayon, Geline; Juckes, Matthew; Rodulfo, Raimundo)		
17:50		495 - Toward Measuring and Understanding the Overvalidation Phenomena (Mori, Fabrizio; Cinà, Antonio; Roli, Fabio; Anguita, Davide; Oneto, Luca*)	
		496 - Mitigating Unfair Regression in Machine Learning Model Updates (Buselli, Irene; Pallares, Anna; Anguita, Davide; Jimenez, Eduard; Roli, Fabio; Oneto, Luca*)	
18:10		647 - Increasing Adversarial Robustness Around Uncertain Boundary Regions with Amodal Segmentation (Alemany, Sheila*; Pissinou, Niki; Yang, Brian)	

		790 - An Efficient Approach For Enhancing GenAI Trustworthiness (Yehezkel, Aviv*)	
18:30		654 - Unifying Robust Activation Functions for Reduced Adversarial Vulnerability with the Parametric Generalized Gamma Function (Alemany, Sheila*; Pissinou, Niki; Worthington, Emma; Dominguez, Alberto; Grapel, Ilan)	
18:40	End of the program		