ARIA 2023 | EXHIBITOR LIST

Industrial Exhibitors

Booth #1
Walmart Global Tech

Booth #2 & #3
SOTI

Booth #4
AMD

Departmental Exhibitors

Booth #5
Master of Mathematical Finance, U of T

Booth #8
Dept. of Computer Science, U of T

Booth #6
Masters of Financial Insurance, U of T

Booth #9
Master of Science in Applied Computing, U of T

Booth #7
Dept. of Statistical Sciences, U of T

Demonstrations

Demo #1 | Mustafa Haiderbhai, Radian Gondokaryono, Lueder A. Kahrs
Multi-platform Autonomous Surgical Robotics From Simulation Using Reinforcement Learning
Our project aims to perform autonomous surgical tasks using Reinforcement Learning

Demo #2 | Andrii Lenyshyn
"WaM" Cognitive Assessment in VR
I'm working on a project that focuses on using gamification techniques for cognitive assessments in Virtual Reality

Demo #3 | Fenil Patel, Chrisee Zhu, Elliot Chen
Triple Point
Award-winning game at Ontario's Level Up Student Showcase 2023

Demo #4 | Shivanshi Gupta
The Moon Man
A captivating first-person exploration puzzle game set in a mesmerizing Virtual Reality landscape

Demo #5 | Soso (Zhifei) Song
3D Perspectives in Gaming: Exploring its Mechanics and Level Design Applications
Illucid originated from a game design course and introduces a unique first-person puzzle mechanism

Demo #6 | Brenna Li, Anna Kirk, Jiaqi Guo, Liam Baker, Khai Truong, Alex Mariakakis
Pre-consultation Medical Chatbot
Chatbots supported by Large Language Models are effective at helping doctors gather information

Demo #7 | Pritish Mishra, Brian Ramprasad
Hierarchical Data Management for Edge-Cloud Infrastructure
Data processing layer and a file-storage system built on top of a hierarchical computing infrastructure

Demo #8 | Sophie Liu
DynaCOMP: Bringing ML to the Transplantation Clinic
Created a machine learning model which stratifies patients into different risk categories

Demo #9 | Jasper (Jan-Philip) Gergik
Playing Various Strategies in Dominion Using Deep Reinforcement Learning
Reinforcement learning based agent with a novel multiset-based architecture

Demo #10 | Bingjian Huang, Mason Cai, Conner Ren, Jerry Cheng, Abel Sang
NebulaSuit: An Upper-Body High-Density Vibrotactile Suit Built With Scalable Hardware Solutions
VibroStar, a high-resolution vibrotactile suit that covers the upper body surface with dense arrays of actuators

Demo #11 | Aida Ramezani
Moral Norm Variation in Large Language Models
Computational tools to analyze language change in both temporal and cultural levels

Dept. of Computer Science, Research Stream

Dynamic Graphics Project Lab of the University of Toronto
Presentation #15 | Chuyi (Sky) Hou
Headshift
Enhancing VR immersion by addressing headset slippage ensures consistent visuals, reduces discomfort, and elevates the overall user experience.

IATSL: Intelligent Assistive Technology and Systems Lab
Presentation #16 | Soroush Mehraban, Vida Adeli, Babak Taati
MotionAGFormer: Enhancing 3D Human Pose Estimation with a Transformer-GCNFormer Network
A model with less parameters and computation compared to SOTA models while being more accurate in 3D Human pose estimation.

Presentation #17 | Vida Adeli
Vision-Based Analysis of Gait in Older Adults with Dementia
Unlocking new insights into gait patterns in dementia with computer vision, paving the way for personalized fall prevention and tailored interventions.

U of T Systems and Networks Group (SysNet)
Presentation #18 | Christina Christodoulakis
Pytheas: Pattern-Based Table Discovery in CSV Files
We present Pytheas, our supervised learning approach for accurately discovering tables in Open CSV files, with a confidence metric for efficiently labeling data.

Presentation #19 | Alexey Khrabrov
JITServer: Disaggregated JIT Compiler for the JVM
Improving JVM performance and reducing CPU and memory costs in the cloud using remote JIT compilation and caching compiled code and profiling data.

Master of Science in Applied Computing (MScAC)

16 Bit Inc.
Presentation #20 | Yuxuan Wang
Broca
Leveraging multimodal prompt tuning and large language model for Automated Radiology Reporting from X-ray Imagery.

Presentation #21 | Abdur Rahman, Sarthak Narayan
Revolutionizing Healthcare Application Deployment: A Kubernetes-Driven Approach
A seamless and reliable deployment and management solution for healthcare applications on-premise and cloud using Kubernetes.

Adobe

Presentation #22 | Lukas Jurisica

Vision-Based Analysis of Gait in Older Adults with Dementia

By utilizing an alternative coordinate system based on Integer Barycentric Coordinates for representing meshes, we are able to robustly and efficiently apply certain geometry processing algorithms.

Agentnoon

Presentation #23 | Sarah Rozaidi

Multi-Regional Salary Prediction Model

Empowering strategic decisions with comprehensive insights into compensation trends worldwide

AMD

Presentation #24 | Sanjukta De

Learning GPU Code Structure using Large Language Models

Revolutionizing GPU Kernel Optimization: Harnessing Transformer-Based Models to Improve Performance and Efficiency

Presentation #25 | Vignesh Edithal

Automatic Gameplay Highlight Reel Generation using Multimodal Learning

Detect and merge interesting events in first person shooting games using multimodal video transformer model to generate highlight clips

Presentation #26 | Geoffrey Harrison

Task Grouping for Multi-Task Reinforcement Learning

Measuring relationships between tasks enables disentangling knowledge transfer in multi-task RL.

Presentation #27 | Yi Cheng (Ethan) Zhu

3D Image Representation for Gameplay Automation

Self-Supervised image representation encoding methods do not generalize to novel exploration and other Reinforcement Learning tasks.

Presentation #28 | Zichuan Guan

Machine Learning for Pattern-Matching Optimization in GPU Compilers

Advancing GPU performance through AI-Driven compiler optimizations

Presentation #29 | Mahesh Jayasankar

Real-time Camera Tracking for Gameplay Automation in Video Games

A navigational assistance module for video games that works in real-time using only a single camera's footage

Presentation #30 | Akash Haridas

High-Fidelity Human Avatars from Laptop Webcams Using Edge Compute

Personalized photorealistic avatars for video calls and virtual reality, generated automatically using your webcam and running locally.

Presentation #31 | Donghui (Alex) Xu

Content-Aware Video Encoder Optimization

Elevating Conventional Video Encoder with Deep Learning Models for Enhanced Video Quality and Bitrate Efficiency

Presentation #32 | Adeem Amyn Jassani

AI-Based Saliency Prediction For Better Perceptual Quality in Display and Video Compression

Ultimate visual experience, from natural scenes to gaming contents and beyond, with our real-time saliency prediction-based quality improvement

Presentation #33 | Amandeep Singh

Automatically Parallelizing C/C++ Code with Large Language Models

Using Large Language Model to automatically classify and specify OpenMP directives for the Sequential C/C++ code.

Apollo.io

Presentation #34 | Anurag Bajpai

Prospect Recommendations with Integrated LLM Features

Leveraging LLM-generated Ideal Customer Profiles and Text Embeddings to Recommend Prospects to Sales Teams

Arctic Wolf Networks

Presentation #35 | Cijie Xia
Query Broker: An Efficient Cybersecurity Data Access Platform
Enabling Efficient, Secure Data Retrieval for Enhanced Security and AI Services

BenchSci

Presentation #36 | Tirth Patel
Efficiently Training Large Language Models with Advanced Distributed Training Techniques
Unlocking Peak Efficiency: Scaling Large Language Model Training with DeepSpeed's ZeRO Optimization Strategies and Vertex AI's Distributed Training.

Bluecat Networks

Presentation #37 | Rajesh Marudhachalam, Ruixuan Zhang
Detecting Malicious DNS Traffic Using Neural Networks
Enhancing Network Security Using Weakly-Supervised Learning and Pairwise Relation Prediction Network

BlueDot Inc.

Presentation #38 | Naveen Thangavelu
A Global Surveillance System for Infectious Diseases and Bio-Security Threats
Revolutionizing Outbreak Analysis Using Large Language Models for Comprehensive Disease Event Extraction

CPP Investments

Presentation #39 | Dixin Mou
Enhancing Forecasting Performance of LightGBM through Feature Screening
A systematic process to mitigate the impact of high feature dimensions while retaining informative features to produce forecasts with better out-of-sample ranking accuracy and volatility

Presentation #40 | Jie (Alisa) Yang
Exploring Graph Neural Network Methods on the Analyst Network Graph
Both Node2Vec and Graph Convolutional Networks can be used to exploit the topology of the Analyst Network to explain companies returns

Centre for Global Health Research (CGHR), Unity Health Toronto

Presentation #41 | Andy Lee
A Machine Learning Framework for Exploring Mortality in Developing Countries with Verbal Autopsies
Harmonizing verbal autopsy research into developing a conceptual framework which provides a roadmap to automating cause-of-death prediction using machine learning

Crossing Minds

Presentation #42 | Jason Tang
Image Captions Are Worth a Thousand Words: Enhancing Search in Conversational Recommendations
Both Node2Vec and Graph Convolutional Networks can be used to exploit the topology of the Analyst Network to explain companies returns

Presentation #43 | Anusha Prabhudev
DataStats: An Automated Framework Supporting the Design and Development of Recommender Systems
An innovative framework empowering recommender systems development with automated analysis, improved decision-making support, and domain-focused insights for enhanced personalization and efficiency.

Double Negative Ltd.

Presentation #44 | Kartikaeya Kumar
Automating Rotoscoping in Videos with NeRF Priors
Are NeRFs the new greenscreen?

Presentation #45 | Yihan (Nick) Ni
Latent DeepFakes: Fast High-Resolution Face Swap
Autoencoder based DeepFake face swap trained in Stable Diffusion latent space with reduced identity leakage using Vector Quantization layers.

Ecomtent

Presentation #46 | Zakaria Patel
Enhancing Image Composition Control with Loss-Guided Diffusion Models
Leveraging the synergy between loss guidance and attention injection to achieve precise layout and composition control.

Presentation #47 | Hantang Li
Generative AI for Product Listing and Conditional Infographic Generation
Design reliable, scalable, and maintainable machine learning system for startup and exploration of conditional layout generation models for product infographic generation.

Geotab Inc.

Presentation #48 | Xinyu Zhang
Data Quality Detection and Improvement for AI Dashcam Models
Algorithms and Experiments

Presentation #49 | Zhifan Wang
From ML Model to Production: Streaming Data Analytics Infrastructure for IoT Big Data
A modern approach for deploying machine learning applications on cloud-based infrastructure integrating distributed computing and streaming capabilities for IoT Big Data use cases

Presentation #50 | Xinrong Zhou
Identifying Risk Factors for Hazardous Driving and Accident Propensity for Safer Fleets and Smart Cities
Smarter cities and safer roads start here: Unveiling the impact of collective vehicular conduct within an intersection on accident propensity

Presentation #51 | Anh Tuan Tran
Automatic Detection of Service Center Locations from Vehicle Data
Clustering a large number of vehicle maintenance events and applying an anomaly detection model to detect service centers

Google

Presentation #71 | Yu-Chieh (Sunny) Wu
Image Caption Generation with Machine Learning for AR Wearable Devices
Elevate AR wearable devices with AI-generated image captions: Optimizing user focus, experience, and productivity.

Presentation #72 | Jingtao Zhou
Visual Blocks for ML
A visual programming framework for prototyping machine learning-based application pipelines

Huawei

Presentation #52 | Tao Zhang
LayoutDM: A Discrete Diffusion Approach for Optimal Smartphone Widget Layout Generation
Revolutionizing Smartphone UI Design with LayoutDM: A Discrete Diffusion Approach for Optimal Widget Layouts

Presentation #53 | Samarendra Dash
Leveraging LLMs for Operations Research Problems
Can LLMs reason about mathematical modelling from natural language descriptions?

Presentation #54 | Benjamin Correia
OmniRuntime: Squeezing Every Last Drop of Performance for In-Memory Data Analytics
Hand optimizing an SQL analytics engine through low level analysis of operators and integrating hardware accelerators.

Presentation #55 | Deyu Liu, Duy Tran
IOMemTable — Memory-Optimized Index-Organized Table for LSM-tree Storage
Toward a better trade-off of index performance for Hybrid Transactional/Analytical Processing (HTAP) workloads

Intel

Presentation #56 | Yuhang Liu
Enhancement of IP Wizard in Power and Thermal Calculator
Enrich the functionality of IP Wizard and improve the user experience

Iteration Matrix

Presentation #57 | Jiujiu (Jojo) Duan
AI-driven Web Payment Automation
Efficiently Automating High-Volume, Time-Sensitive Payments with Google reCAPTCHA Overcoming Solutions.

J-Squared Technologies

Presentation #58 | Jaskaran Singh, Gurman Bhullar
Revitalizing Retail: Edge-Driven Computer Vision for Real-Time Analytics
Infusing AI Excellence into Retail: Harnessing State-of-the-Art Deep Learning for Instantaneous Insights, Robust Security and Advanced Customer Analytics.

Kindred, Part of Ocado Group

Presentation #59 | Jiachen (Charlie) Xu
Efficient Embedding-Based Item Identification for Robotic Pick and Place Applications
Transforming Item Identification in Robot-Assisted Grocery Fulfillment: An Embedding-Driven Solution for Precision and Efficiency

Presentation #60 | Junbo Huang
Object Tracking for High-Speed Pick-and-Place Robot
Enabling Faster Robotic Operations with Real-Time, Detection-Based Item Tracking and Prediction Strategies

MDA

Presentation #61 | Val Kobilaski
CAPP: Conditional Variational Auto-Encoder Accelerated Path Planner
A machine-learning approach to path-planning for a 7-DOF robotic manipulator

Metabob

Presentation #62 | Anthony Rinaldi
Abstract Syntax Tree Coarsening via Deep Attention-Based Node Pooling Auto-Encoders
Attention-based graph coarsening allows for significant reduction of the size of graphs, while retaining sufficient information for graph reconstruction, as well as downstream classification tasks versus traditional algorithmic coarsening methods.

ModiFace

Presentation #63 | Kejia Yin
SCE-MAE: Selective Correspondence Enhancement with MAE for Self-Supervised Landmark Estimation
Learning dense discriminative representations from unlabelled data

Presentation #64 | Xudong Liu
Detailed Cross-Attention Control in Image Editing
Refining Image Editing: Achieve Personalized, Pinpoint Adjustments While Preserving Identity and Quality.

Presentation #65 | Yuqing (Sophia) Zeng
Real-Time 3D Landmark Regression from Monocular Image Input on Mobile GPUs with Synthetic 3D Face Data
Describing human face shapes and positions from face images remains a popular topic at the intersection of computer vision and deep learning.

Layer 6 AI

Presentation #67 | Ilan Gofman
Enhancing Document Retrieval with Large Language Models and Human Feedback
Using generative AI to make retrieval with human feedback more efficient

Presentation #68 | Linfeng Du
MultiResFormer: Transformer with Adaptive Multi-Resolution Analysis for Long-Term Time Series Forecasting
The first Transformer-based model with Fourier-guided time series segmentation which surpasses naive patch-based Transformer and CNN-based methods.

Presentation #69 | Apoorv Dankar
TabPFGen – Tabular Data Generation with TabPFN
TabPFGen creates an energy-based generative model for tabular data using the discriminative, in-context learning capabilities of pre-trained TabPFN transformer

Presentation #70 | Hamid Kamkari
Explaining the Out-of-Distribution Detection Paradox Through Likelihood Peaks
TabPFGen creates an energy-based generative model for tabular data using the discriminative, in-context learning capabilities of pre-trained TabPFN transformer

National Research Council Canada
Presentation #74 | David Guzmán
Speech Generation for Indigenous Language Education
Improving Speech Generation for Low Resource Languages via Spectrogram Denoising

Nureva
Presentation #75 | Miaoqi (Frank) Zhang
Sound Event Localization and Detection
Leveraging CRNNs in SELD: Elevating Precision in Sound Source Localization by using linear arrays of microphones.

Presentation #76 | Wenzhe Xu
Towards Broadcast-Quality Audio: Enhancement of Conference Microphones and Exploration of Objective Evaluation Techniques
Merging Deep Learning and Established Metrics for Accurate Audio Quality Assessment

Ocado Advanced Technology
Presentation #77 | Sumant Bagri
Hardware Accelerated Collision Checking
Improve collision detection latency for robotic manipulators by leveraging SIMD hardware

Pearson Canada Inc.
Presentation #78 | Hongbo (Eleanor) Zhou
Anomaly Detection for Automated English Language Test Scoring Improvement
Enhancing automated English language test scoring precision with multi-speaker audio data and anomaly detection.

Pelmorex
Presentation #79 | Charie Brady
A Machine Learning Approach to Retail Sales Forecasting Using Localized Weather Features
Weather-driven consumer demand: building explainable machine learning models that adapt to changing local weather conditions for precise sales forecasting

Princess Margaret Cancer Center
Presentation #80 | Jean Yaacoub
GNNs with Protein Dynamics for Enhanced Drug Targeting
Analysis of binding affinity prediction models using Graph Neural Networks with modified protein features.

QEYnet
Presentation #81 | Michael Luciuk
Advancing the Security of Commercial Quantum-Key-Distribution Systems
A Proactive Approach to Vulnerability Assessment and Resolution

Roche
Presentation #82 | Mingyi (Horus) Li
DORA: DevOps Research and Assessment
Track code development efficiency and progress in one platform

Samsung AI Center – Montreal
Presentation #83 | Rui Heng Yang
Accurate and Precise Force Estimation Algorithm for Robot Manipulation
Combining inverse finite element methods with neural networks to provide a robust and data-efficient algorithm for force estimation.

Samsung AI Center – Toronto

Presentation #84 | Tianshu (Chris) Kuai
Unsupervised Real Image Denoising
Using a pre-trained off-the-shelf diffusion model as an image prior for unsupervised real-world image denoising.

Presentation #85 | Ke Zhao
Towards Intelligent Edge Computing
From Research Proof-of-Concept Server-based Pipeline to on-Device Deployment: A Case Study

Presentation #86 | Vahid Zehtab
LUTFlow: Conditionally Bijective Implicit 3D Lookup Tables
Embed infinite photo styles in your pictures; if a style doesn't suit, simply roll it back or craft your very own!

Sanofi

Presentation #87 | Chaorui (Tom) Zhang
Closeness to Pathway: Clustering Patient Electronic Medical Records for Drug Repurposing
Evaluating and comparing drug repositioning approaches that use unsupervised learning and patient data from electronic medical records against supervised learning with known drug-disease relationship.

Scotiabank

Presentation #88 | Tsz Fung Yau
Two-Stage Deep-Learning Framework for Understanding Scanned Documents
Using a deep OCR model to identify texts and a transformer language model to extract relevant texts

Shopify

Presentation #89 | Tianquan (Andy) Di
Towards Optimized E-Commerce: Examining Performance-affecting Factors for Online Retail Platforms
Through A/B tasting and user studies, we analyzed the impact of three experience enhancements on the conversion rates of e-commerce platforms.

Signal 1

Presentation #73 | Jingtao Zhou
Visualizing AI-Powered Patient Insights
Enhancing Machine Learning Interpretability and Explainability in Healthcare

Presentation #90 | Shixuan (Nadia) Li
Using Multi-Modal Data and Self-Supervised Approaches for Deep Learning in Healthcare
Transformers that simultaneously learn from time series and text data via self-supervised learning, thereby improving clinical predictions

SOTI

Presentation #91 | Yichen Shen
Cross-Account and Cross-Platform Cloud Cost Optimization: An Integrated Management for AWS and Azure
Harmonizing Costs: Streamlining Management Across Multiple Cloud Platforms and Accounts

Presentation #92 | Yao-Chen Chi
Benchmark Performance of Remote Control Operations Across Varied Mobile Device in Different Environments
Quantifying Latency in Remote Android Device Management: Emulation, Measurement, and Scaling Insights.

Presentation #93 | Xinman Liu
Simulation of Device Location
Optimizing the testing of location-based services and location-aware applications with a configurable location simulation tool.

Presentation #94 | Jazib Ahmad
Reactive-Proactive Obstacle Avoidance for Autonomous UAVs in Dynamic Indoor Environments
Drones Coexisting Peacefully with Humans & Gracefully Evading Unplanned Encounters

Presentation #95 | Hosuk (Jimmy) Woo
Smartphone Indoor Localization: A Sensor Fusion Approach
Seamless indoor localization of smartphones without use of external hardware devices

Presentation #96 | Jaspreet Singh Dhani, Simrat Bains
Cracking the Code: Gherkin Test Prioritization for Improved CI/CD Efficiency
Expediting regression and acceptance testing for incoming code changes by using software metrics and NLP methods to pinpoint an optimal Gherkin test subset.

Presentation #97 | Yuxuan Zhang
Model Compression for Unmanned Aerial Vehicle's Companion Computer
Accuracy & Latency Optimization and Tradeoff for Segmentation Models

Presentation #98 | Devashish Pradeep Khairnar
MABS: Make All Batteries Smart
Enhancing Battery Performance and Health Prediction: Smart Solutions for Smart and Non-Smart Lithium-ion Batteries

Presentation #99 | Xuduo Gu
Network Traffic Anomaly Detection by Clustering with Autoencoder Ensembling
An expectation-maximization approach to detect network traffic anomalies in real-time by clustering network packets with autoencoders.

Presentation #100 | Ruoqi Shu
Data Communication Optimization Between Mobile Devices and Servers
Insight of Enhancing Protocol Performance Through Bandwidth Analysis and Predictive Modeling

Presentation #101 | Yulin (Patrick) Wang
Driver Behavior Analysis Using Sensor Data On Android Devices
Software solution capable of collecting and analyzing sensor data from android devices and reporting road safety and driving behavior metrics for moving vehicles

SpassMed Inc.

Presentation #102 | Chen Dan,Bingjie (Lily) Shen,Yuwei Liu
Early Septic Shock Detection Using Vital Signs Forecasting and Classification
Utilizing deep learning, we forecast vital signs and employ different methods to detect sepsis and septic shock in time series data.

Tesla

Presentation #66 | Ilan Gofman
Machine Learning for Vehicle Diagnostics Automation
Investigating Time Series Classification Methods for Vehicle Failure Mode Detection

The Hospital for Sick Children

Presentation #103 | Adrian Yung
Analysis of Single Cells in Pediatric Brain Tumours with Transfer Learning and a Pre-trained Transformer Model
Transfer learning and a context-aware, attention-based, deep learning transformer model is applied to analyze individual cells from pediatric brain tumours, simulating gene overexpression and deletion to investigate contributors to metastasis

Presentation #104 | Sarah Hindawi
Prediction of Genetic Mutations in Pediatric Brain Tumors Using Pathology Images
Multimodal Genetic Mutation Prediction: Leveraging Convolutional Neural Networks for Advanced Histology Analysis and Evaluating the Impact of Clinical Data Integration

The Vanguard Group

Presentation #105 | Keerat Guliani
Enabling Large Language Models at Vanguard
Efficient Training and Usage of Domain Specific LLMs

Ubisoft

Presentation #106 | Tuan Nguyen
Facial Landmark Detection with Synthetic Data
Detecting facial landmarks on videos, by leveraging a synthetic dataset of rendered 3D faces

Presentation #107 | Yan Ma
Learning Unrestricted Facial Geometry from Lightstage Images
Push the quality of high-fidelity 3D face avatar generation to reach AAA production-level needs.

Presentation #108 | Yuchen Chen
Video Based Animation Retrieval
Finding similar animations using human motions in video sources

Unilever

Presentation #110 | Xiaolan (Landy) Xu
Advancements in Multi-Objective Optimization Algorithms to Trade Promotion Strategy
Employing stochastic search methods and the temperature cooling schedule for Multi-Objective Optimization Algorithms

Presentation #111 | Jingbo Yang
Analyzing Sales Cannibalization Through Utility Theory to Improve Accuracy of Predicting POS
Quantifying the Impact of Product Attributes on Consumer Purchase Decisions

Presentation #112 | Yu Pang
Project Sonata: AI-Driven Recommendation & Consumer Segementation Platform of Unilever NA
A Recommendation Engine to Enable Multiple Related Downstream Tasks for Unilever NA

University Health Network

Presentation #109 | Haoran Sheng
Unsupervised Data Extraction from Radiology Reports with LLMs
Building an unsupervised NLP pipeline to extract nuggets of data from a vast 20 year archive of unstructured radiology reports.

Presentation #113 | Haining Tan
Visual Perception of Walking Environments Using Deep Learning and Large Language Models
Stair obstacle detection using AI-powered smart glasses and image captioning of walking environments using generative vision-language models to provide assistance to patients with visual impairments

University of Toronto Schools

Presentation #114 | Jingyu Liu
Transforming Learning Through AI-Enhanced Online Discussions: Collaboration, Equity, and Assessment
Helping support 'sober second thought' before the online harm begins

Unmodal Research

Presentation #115 | Cheng (Jamie) Xu
Project Li-Tooth: Scalable, High-Bandwidth Optical Information Broadcast for Spatial Computing
Space aware, line-of-sight data broadcast using VLC/OCC hybrid

Veeva Systems

Presentation #116 | Haoteng Wang
Explore New Initiatives on RIM Submissions Archive's Support of eSTAR FDA Medical Device Submission Format
With a focus on memory optimization for the importing and extraction of eSTAR submissions