



OCT 15 & 16 | TAMPA, FL



DR. ROBERT GILLIES

2026 Robert Gillies Machine Learning Workshop

PRESENTED BY

DELLTechnologies
TITANIUM BLACK PARTNER



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DAY 1: THURSDAY OCT 15TH

8:00am	Check in & Breakfast	
8:35am	Opening Remarks	Dr. John Cleveland (Executive Vice President, Center Director and Chief Scientific Officer) & Dr. Karen Lu (Executive Vice President and Physician in Chief)
9:00am	Session I: General AI	Despina Kontos <i>The AI Revolution in Cancer Imaging: Can we Re-imagine Personalized Cancer Care?</i>
10:00am	Abstract Presentation 1	Delwende Elaine Birba <i>Generative Models to Estimate Contralateral Mammograms</i>
10:20am	Abstract Presentation 2	Caleb Sawyer <i>Testing of High Quality Deep Learning Based Auto-Planning Model For Head and Neck Radiotherapy</i>
10:40am	Abstract Presentation 3	Bethany Niell <i>Machine learning applications in breast imaging</i>
11:05am	Coffee/Snack Break	
11:25am	Session II: AI Biases and Trustworthiness	Judy Wawira Gichoya <i>Past Lessons, Present Failures, and the Future of Medicine</i>
12:25pm	Abstract Presentation 4	Zara Baloch <i>When Confident AI Systems Disagree: Reproducibility, Consensus, and Hidden Uncertainty in Oncology Decision Support</i>
12:45pm	Abstract Presentation 5	Bradley Basik <i>MAI-CARE: Moffitt AI Interface for Cancer Research: An integrated tool for training, testing and visualization of AI models</i>
1:05pm	Group Picture	Nick Gould
1:20pm	Lunch	
2:20pm	Robert Gillies Tribute	Jessica Muller & Julia Ford
2:55pm	Session III: AI General	Tina Hernandez-Boussard <i>Beyond the Algorithm: Building Trustworthy AI for Healthcare</i>
3:55pm	Sponsor Talk	WWT/DELL/NVIDIA Sponsor Talk
4:25pm	USF Promo	Larry Hall <i>Breadcrumb Navigation Bellini College of Artificial Intelligence, Cybersecurity, & Computing</i>
4:45pm	Abstract Presentation 6	Tien Truong <i>A Multiscale Longitudinal Analysis of Macro (State) and Micro (County) Structure in the Income-Late-Stage Lung Cancer Diagnosis Relationship</i>
5:05pm	Day 1 Closing Remarks	
5:15pm	Reception & Poster Session	
6:35pm	Dinner	
8:15pm	End of Day 1	

DAY 2: FRIDAY OCT 16

8:00am	Check in & Breakfast	
8:35am	Session IV: Digital Pathology	Umit Topaloglu From Models to Agents: Operationalizing Large Language Models and Agentic AI Across the Cancer Research Lifecycle
9:35am	Abstract Presentation 7	Brandon Manley <i>Evidence-Aware Summarization of Tumor Board Discussions: An Annotation Schema</i>
9:55am	Abstract Presentation 8	Ayanth Theyver <i>Toward Trustworthy Oncology Large Language Models: A Framework for Disease-Specific Safety Benchmarking and Clinical Governance</i>
10:15am	Abstract Presentation 9	Aakash Tripathi <i>Any Variable, Any Cohort: Provenance-Tracked Language-Model Extraction Across Clinical Documentation and Structured Records from MCAP</i>
10:35am	Abstract Presentation 10	Sidd Sivaram <i>From Tumor Segmentation to Survival Prediction: A Multimodal Framework for NSCLC</i>
10:55am	Coffee/Snack Break	
11:15am	Session V: AI in Biology	Ruijiang Li <i>Foundation models for pathology and spatial biology in cancer</i>
12:05pm	Abstract Presentation 11	Aleksandra Karolak <i>Navigating AI and Computational Chemistry for Drug Discovery and Translation at Moffitt Cancer Center</i>
12:25pm	Abstract Presentation 12	Brett Reid <i>From Genotype to Transcriptome: Benchmarking Deep Neural Networks for HGSOC Risk Prediction</i>
12:45pm	Abstract Presentation 13	Rushikesh Lagad <i>PDAC-EcoMap: Contamination-Aware Evidence Gating for Leakage-Robust, Interpretable Machine Learning on the Intratumoral Microbiome in Pancreatic Ductal Adenocarcinoma</i>
1:05pm	Lunch	
2:05pm	Session VI: Personalized Medicine	Harini Veeraraghavan <i>Beyond the blackbox: Understanding and enhancing foundation models for safe clinical use.</i>
3:05pm	Cancer Survivor	Peggie Sherry - Faces of Courage
3:30pm	Abstract Presentation 14	Paulo Cilas Morais Lyra Jr <i>Machine learning predicts cancer immunotherapy outcomes in a national real-world clinical dataset</i>
3:50pm	Hackathon Presentation 1	TBD
4:05pm	Hackathon Presentation 2	TBD
4:20pm	Hackathon Presentation 3	TBD
4:35pm	Awards	
5:00pm	Closing Remarks	
5:05pm	End of Day 2	

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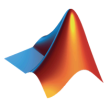


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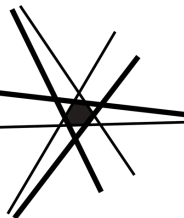
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