2019 CVDI IAB Fall Meeting
November 4 – 5, 2019

VDI | Center for Visual & Decision Informatics

Meeting Venue:
CEWIT Building
Stony Brook University R&D Park
1500 Stony Brook Road
Stony Brook, NY 11794
(631) 216-7000
www.cewit.org/contact/Directions.php

Monday, November 4, 2019

Time	Activity/Location	Presenters/Facilitators
11:30AM – 12:30PM	**Preview Tour of the SMART Cluster** *CEWIT*	Goal is to showcase our brand-new, dual-use GPU cluster for machine learning and visualization (An online registration is required for this optional activity)
12:30PM – 1:00PM	**Ribbon Cutting of the SMART Cluster** *CEWIT Lobby*	Celebrating the opening of our brand-new, dual-use GPU cluster for machine learning and visualization (An online registration is required for this optional activity)
1:00PM – 2:00PM	**Tour of the SMART Cluster** *CEWIT*	Goal is to showcase our brand-new, dual-use GPU cluster for machine learning and visualization (An online registration is required for this optional activity)
1:00PM – 2:00PM	**CVDI Registration** *Room 200* *Light lunch will be provided*	
2:00PM – 2:30PM	**Welcome & Introductions** *Room 200*	Arie Kaufman, PhD *CVDI Site Director | Stony Brook University* Richard Reeder, PhD *Vice President for Research | Stony Brook University*
2:30PM – 3:00PM	**I/UCRC Program Objectives** *Room 200*	Behrooz Shirazi, PhD *CISE/CNS IUCRC Program Director | National Science Foundation* Donald Davis, PhD *Assessment Coordinator | National Science Foundation*
3:00PM – 4:00PM	**Guest Speaker** *Room 200*	Purna Prasad, PhD *Vice President and Chief Technology Officer | Northwell Health*
4:00PM – 5:00PM	**CVDI Open House & Demos** *Refreshments will be provided*	Goal is to provide an overview of current research activities related to CVDI and CEWIT
5:30PM – 8:00PM	**IAB Student Mixer and Dinner** *The Curry Club* *10 Woods Corner Rd,* *Setauket-East Setauket, NY 11733*	Sponsored by Tieto

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Time	Activity/Location	Presenters/Facilitators
8:30AM – 9:00AM	**Registration & Breakfast** *Room 200*	
9:00AM – 9:10AM	**Meeting Agenda & Objectives** *Room 200*	Matt Delcambre *CVDI Innovation Managing Director	University of Louisiana at Lafayette* Rong Zhao, PhD *CVDI Managing Director	Stony Brook University*
9:10AM – 9:20AM	**Center Updates** *Room 200*	Vijay Raghavan, PhD *CVDI Director	University of Louisiana at Lafayette*
9:20AM – 9:30AM	**Qatar University Introduction** *Room 200*	Nasser Ahmed Al-Emadi, PhD *Head of Electrical Engineering Department	Qatar University*
9:30AM-10:30AM	**Year 8 Project Updates – Poster Session #1** *Room 209*	[8a.004.UVA] General Techniques for Explaining/Interpreting Deep Neural Networks (PI: Peter Beling) [8a.005.UVA] Improved Decision Making for Autonomous Systems (PI: Cody Fleming) [8a.006.UL] Visual Analytics of Real-time Hospital Emergency Department Operations: A Human-Centric Approach (PI: Raju Gottumukkala) [8a.008.UL] Data-Driven Analytics of Multi-Sensor Environmental Observations, with a Case Study on Flood Prediction and Warning Applications (PI: Emad Habib) [8a.012.SBU] The Intelligent Dashboard with Blockchain-enabled Collaboration Capabilities (PI: Klaus Mueller) [8a.013.SBU] Medical Insurance Claim Prediction (PI: Minh Hoai Nguyen) [8a.022.SBU] Immersive Health Data Visualization (PI: Arie Kaufman) [8a.014.TAU] Advanced Machine Learning for Industrial Applications (AMaLIA-2) (PI: Moncef Gabbouj & Dimitris Moltchanov)
10:30AM – 10:45AM	**Break** *Refreshments will be provided*	Life Form Updates on CVDI Wiki Project Pages
10:45AM – 11:45AM	**Year 8 Project Updates – Poster Session #2** *Room 209*	[8a.019.JYU] PoC for Statistical Modeling and Visualization of Human Cognition and Strategic Business Data (STRATOS) (PI: Pekka Abrahamson) [8a.021.UH] Reinforcement Learning and Alternative Truth Discovery in Augmented Media Analysis Use Case (PI: Dorota Glowacka)

		[8a.023.SBU] Medpod Remote Diagnostic System (PI: Arie Kaufman)
		[8a.024.SBU] Movement/Mobility Visual Analytics from Sensor Data - Phase II (PI: Dimitris Samaras)
		[8a.025.SBU] Micro-Ranging System for Remote Image-Guided Endoscopic Laser Surgery in Head and Neck (PI: Arie Kaufman)
		[8a.026.UVA] Graph Reinforcement Learning for Smart Manufacturing (PI: Peter Beling)
		[8a.027.UNCC] Real-time Public Health Events Identification, Analysis, and Visualization from Social Media Data (PI: Wenwen Dou)
11:45AM – 12:00PM		Life Form Updates on CVDI Wiki Project Pages
11:45AM – 12:45PM	**Lunch** *Room 200*	
12:00PM – 12:45PM	**Discussion on Commercializing CVDI's Research Results** *Room 200*	Led by Mouli Narayanan *CVDI IAB Member	Zeblok*
12:45PM – 2:00PM	**Year 9 Project Direction** *Room 200*	Facilitators: Matti Vakkuri *CVDI IAB Chair	Tieto* Will LaBar *CVDI IAB Co-Chair	CGI* Speakers: CVDI Site Directors
Sessions from 2:00PM to 4:00PM are for IAB members and CVDI leadership team only		
2:00PM – 3:00PM	**IAB Meeting** *Room 280*	Moderators: Matti Vakkuri *CVDI IAB Chair	Tieto* Will LaBar *CVDI IAB Co-Chair	CGI* IAB members only
	Academic Leadership Team (ALT) Meeting *Room 200*	Facilitator: Vijay Raghavan, PhD *CVDI Director	University of Louisiana at Lafayette*
3:00PM – 4:00PM	**Final Thoughts & Phase 3 Planning** *Room 200*	Facilitators: Matti Vakkuri *CVDI IAB Chair	Tieto* Will LaBar *CVDI IAB Co-Chair	CGI* Vijay Raghavan, PhD *CVDI Director	University of Louisiana at Lafayette* Arie Kaufman, PhD *CVDI Site Director	Stony Brook University*