

Welcome to *Winter UL IAB Meeting*



CGI



tieto



An NSF Industry University Cooperative Research Center



CVDI Goals

Implementing our vision to become a world leader in big data and data science by creating exceptional core competencies across multiple areas.

1. Create a network of diverse and complementary research sites, both here in the US and abroad, that **deliver extensive technical expertise to industry partners** and the research community.
2. Accelerate the **creation and transfer of technology to industry** and commercial products.
3. Attract high quality student talent, and **produce future workforce** that have broad industrial perspective in their research that has the potential to benefit local and national economy.

Today's Agenda

1:45 PM – 1:55 PM	Introductions/Opening
1:55 PM – 2:15 PM	IAB Member Discussion (Discussion of IAB member needs, preferences, and direction) <ul style="list-style-type: none"> • CGI • Schumacher Clinical Partners • USGS Wetland and Aquatic Research Center • Tieto
2:15 PM – 3:00 PM	Student Introductions <ul style="list-style-type: none"> • Taghreed Alghamdi • Adeola Olaleye Siwoku • Murali K Pusala • Siva R Venna • Sayani Sarkar
3:00 PM – 3:10 PM	Break
3:10 PM – 4:00 PM	Year 6 Project Updates <p>6a.020.UL – Data Integrity of Smart City Traffic Infrastructure (PI: Khalid Elgazzar)</p> <p>6a.050.UL – Enabling Mobile Visual Analytics (PI: Khalid Elgazzar)</p> <p>6a.022.UL – Mitigating Concept Drift for Time-Varying Domains Through Adaptive Learning (PIs: Jian Chen and Jennifer Lavergne)</p> <p>6a.060.UL – Detecting and Identifying Wildlife Animals from Images Using Deep Learning (PI: Henry Chu)</p> <p>6a.025.UL – An Ontology-Based Architecture for Providing Insights (PI: Raju Gottumukkala)</p>
4:00 PM – 5:00 PM	Year 7 Proposed Project Presentations <p>7a.001.UL – Fault-Tolerance Strategies for Handling Data-Streams on Edge-Networks: Application to Smart Buildings (PI: Raju Gottumukkala)</p> <p>7a.003.UL – Lightning Fast Indexing for Structured and Unstructured Data in Health Care (PI: Jian Chen)</p> <p>7a.005.UL_UVA – A Cyberinfrastructure System for Real-Time Flood Forecasting in Low-Relief Coastal Plain Basins (PI: Emad Habib)</p> <p>7a.008.UL – A Highly Security Suite for Constrained Devices and IoT Systems (PI: Magdy Bayoumi)</p> <p>7a.010.UL – Event Detection and Classification from Live Video Streams (PI: Khalid Elgazzar)</p>
5:00 PM – 5:15 PM	The Importance of Technology Transfer Reece Theriot, UL Lafayette Instructor of Sales & Entrepreneurship, UL Lafayette approach to technology transfer
5:15 PM	Adjourn

Save the Date:

Spring 2018 IAB Meeting

March 21-22, 2018
Drexel University
Philadelphia, PA



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Center for Visual &
Decision Informatics



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