



# CVDI Fall 2018 IAB Meetings Overview

## November 14-15, 2018

**University of Louisiana at Lafayette**  
**Cecil J. Picard Center**  
**200 E Devalcourt Street**  
**Lafayette, LA 70506**



### Wednesday, November 14, 2018

#### CVDI Fall 2018 Industrial Advisory Board Meeting Day 1

Time	Activity	Presenters/Facilitator	Location
8:00am – 8:30am	Registration & Breakfast		Picard Center – Main Lobby
8:30am – 9:00am	Welcome & Introductions	Dr. Ramesh Kolluru, VP Research & Economic Development, University of Louisiana at Lafayette	Picard Center – Rockhold Room #121
		Dr. Vijay Raghavan, CVDI Site Director, University of Louisiana at Lafayette	
9:00am – 9:15am	Meeting Agenda & Objectives Review	Matt Delcambre, CVDI Innovation Managing Director, University of Louisiana at Lafayette	Picard Center – Rockhold Room #121
9:15am – 10:00am	CVDI University Updates	Dr. Moncef Gabbouj, Tampere University of Technology	Picard Center – Rockhold Room #121
		Dr. David Breen, Drexel University	
		Dr. Arie Kaufman, Stony Brook University	
		Dr. Peter Beling, University of Virginia	
		Dr. Raju Gottumukkala, University of Louisiana at Lafayette	
		Dr. Doug Hague, University of North Carolina - Charlotte	



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Time	Activity	Presenters/Facilitator	Location
10:00am – 10:15am	Project Review Process and LIFE Form Approach	Matt Delcambre, CVDI Innovation Managing Director, University of Louisiana at Lafayette Dr. Don Price, NSF Assessment Coordinator	Picard Center – Rockhold Room #121
10:15am – 11:45am	Year 7 Project Poster Collaborative Updates - Session 1 <i>(includes morning break)</i>	<p><b>7a.002.SBU</b>_The Data Voyager – Interactive Visualization of Multivariate Data with joint Data &amp; Dimension Reduction and Continuance of the Intelligent Dashboard Project (PI: Klaus Mueller, PhD   Stony Brook)</p> <p><b>7a.003.UL</b>_Ontology-Based Fast Semantic Indexing for Structured and Unstructured Data in Health Care (PI: Satya Katragadda, PhD   UL Lafayette)</p> <p><b>7a.005.UL_UVA</b>_A Cyberinfrastructure system for Real-Time Flood Forecasting in Low-Relief Coastal Plain Basins (PI: Emad Habib, PhD   UL Lafayette &amp; Peter Beling, PhD   Drexel)</p> <p><b>7a.007.DU</b>_Novel Methods for Data Integration and Information Extraction over Complex Heterogeneous Data (PI: Yuan An, PhD   Drexel)</p> <p><b>7a.010.UL</b>_Event Detection and Classification from Live Video Streams (PI: Khalid Elgazzar, PhD   UL Lafayette)</p> <p><b>7a.013.UVA</b>_Privacy Preserving Multi-Party Analytics (PI: Steve Boker, PhD   UVA)</p> <p><b>7a.016.DU</b>_A Continual Learning Framework for Domain Adaptation and Provenance Tracking (PI: Gail Rosen, PhD   Drexel)</p> <p><b>7a.020.UVA</b>_Deep Learning and Adversarial Learning in Credit Card Fraud (PI: Peter Beling, PhD   UVA)</p> <p><b>7a.021.TUT</b>_Early Detection of Myocardial Infraction Using Echocardiogram Imaging (PI: Moncef Gabbouj, PhD   TUT)</p> <p><b>7a.026.TUT</b>_Improving Speech Recognition Robustness (PI: Moncef Gabbouj, PhD   TUT)</p> <p><b>7a.041.SBU</b>_Medical Insurance Claim Prediction (PI: Minh Hoai Nguyen, PhD   Stony Brook)</p> <p><b>7a.042.SBU</b>_Immersive Data Visualization (PI: Arie E. Kaufman, PhD   Stony Brook)</p>	Picard Center – Rockhold Room #121

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## CVDI Fall 2018 Industrial Advisory Board Meeting Day 1

Time	Activity	Presenters/Facilitator	Location
11:45am - Noon	LIFE Form Updates	Dr. Don Price, NSF Assessment Coordinator	Picard Center – Rockhold Room #121
Noon – 1:00pm	Lunch		Picard Center – Main Lobby & Rockhold Room #121
1:00 – 2:30pm	Year 7 Project Poster Collaborative Updates - Session 2 <i>(includes afternoon break)</i>	<p><b>7a.001.UL</b>_Fault-Tolerance Strategies for Handling Data-Streams on Edge-Networks: Application to Smart Buildings (PI: Raju Gottumukkala, PhD   UL Lafayette )</p> <p><b>7a.014.UVA</b>_Data-Driven Dynamic Models for Exploring Systemic Risk with Unknown Inputs (PI: William Scherer, PhD   UVA)</p> <p><b>7a.018.UL_UVA</b>_A Comprehensive Data Integrity/Trust Approach for IoT Infrastructures (PI: Steven Adams, PhD   UVA &amp; Khalid Elgazzar, PhD   UL Lafayette)</p> <p><b>7a.019.DU</b>_Image Informatics for the Characterization of Molecular Subtypes in Breast Carcinoma Tissue (PI: David Breen, PhD   Drexel)</p> <p><b>7a.022.TUT</b>_Unsupervised Color Constancy Using Adversarial Learning (PI: Moncef Gobbouj, PhD   TUT)</p> <p><b>7a.024.TUT</b>_Real-Time Data Analytics Using Edge Computing Infrastructure with Application for Smart City (PI: Honglei Zhang, PhD   TUT)</p> <p><b>7a.025.TUT</b>_Multimodal Data Integration in Intelligent Buildings (PI: Jenni Raitoharju, PhD   TUT)</p> <p><b>7a.028.TUT</b>_Co-Botics – Intelligent Cooperating Robots and Humans – Phase II (PI: Alexandros Iosifidis, PhD   TUT)</p> <p><b>7a.029.TUT</b>_Very Fast Nearest Neighbor Retrieval in High-Dimensional Domains (PI: Petri Myllymäki, PhD   University of Helsinki)</p> <p><b>7a.032.UVA</b>_Development of Human and Machine Predictive Maintenance and Care Service Based on Industrial Internet of Things (IIoT) (PI: Peter Beling, PhD   UVA)</p> <p><b>7a.035.UVA</b>_Improved Decision Making for Autonomous Systems (PI: Cody Fleming, PhD   UVA)</p> <p><b>7b.040.UNCC</b>_Extending Payroll Data Through Micromodeling (PI: Jean-Claude Thill, PhD   UNCC)</p> <p><b>7b.043.SBU</b>_Dynamic Scene Analysis (PI: Arie E. Kaufman, PhD   Stony Brook)</p>	Picard Center – Rockhold Room #121

		<p><b>7b.044.SBU_Human Behavior from Insole Sensor Data</b> (PI: Dimitris Samaras, PhD   Stony Brook)</p> <p><b>Research Experiences for Undergraduates (REU) Student Project</b> (Student: Dustin Soileau   UL Lafayette)</p>	
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## Wednesday, November 14, 2018

### CVDI Fall 2018 Industrial Advisory Board Meeting Day 1

Time	Activity	Presenters/Facilitator	Location
2:30pm - 2:45pm	LIFE Form Updates	Dr. Don Price, NSF Assessment Coordinator	Picard Center – Rockhold Room #121
2:45pm – 3:00pm	IAB Introductions & Direction (Session will be videotaped)	Facilitator: <ul style="list-style-type: none"> <li>Will LaBar, CGI (filling in for Richard Bissonette, CVDI IAB Chair)</li> </ul> Current and potential IAB members	Picard Center – Rockhold Room #121
3:00pm – 5:00pm	Year 8 Project Direction ( <i>Session will be videotaped</i> )	Moderators: <ul style="list-style-type: none"> <li>Matti Vakkuri, Tieto (CVDI IAB Vice Chair)</li> <li>Will LaBar, CGI (filling in for Richard Bissonette, CVDI IAB Chair)</li> </ul> University Researchers and IAB	Picard Center – Rockhold Room #121
6:30pm - 9:00pm	CVDI Teambuilding Event Event Sponsored by: Tieto		Rock N Bowl 905 Jefferson St Lafayette, LA (337) 534-8880

# Thursday, November 15, 2018

## CVDI Fall 2018 Industrial Advisory Board Meeting Day 2

Time	Activity	Presenters/Facilitators	Location
8:00am – 8:30am	Continental Breakfast		Picard Center – Main Lobby & Rockhold Room #121
8:30am – 9:00am	LIFE Form Reviews & Discussion for Year 7	Dr. Don Price, NSF Assessment Coordinator	Picard Center – Rockhold Room #121
9:00am – 10:45am	IAB Research Needs Collaborative Session. Planning for Year 8 <i>(Session will be audiotaped)</i>	Moderators: <ul style="list-style-type: none"> <li>Matti Vakkuri, Tieto (CVDI IAB Vice Chair)</li> <li>Will LaBar, CGI (filling in for Richard Bissonette, CVDI IAB Chair)</li> </ul>	Picard Center – Rockhold Room #121
10:45am – 11:00am	Morning Break		Picard Center – Main Lobby & Rockhold Room #121
11:00am - 12:00pm	IAB/Students Session	Moderators: Richard Bissonette, CGI, CVDI IAB Chair & Matti Vakkuri, Tieto, CVDI IAB Vice Chair	Picard Center – Upstairs (Red Room)
11:00am - 12:00pm	PI/Researcher Collaborative Session	All Researchers	Picard Center
11:00am - 12:00pm	Academic Leadership Team (ALT) Meeting	Facilitator: Dr. Vijay Raghavan, CVDI Site Director, University of Louisiana at Lafayette	Picard Center – Upstairs (Green Room)
12:00pm	Adjourn	Dr. Vijay Raghavan, CVDI Site Director, University of Louisiana at Lafayette	Picard Center – Rockhold Room #121
12:00pm – 1:00pm	IAB Closed Meeting	Facilitators: Richard Bissonette, CGI, CVDI IAB Chair & Matti Vakkuri, Tieto, CVDI IAB Vice Chair	Picard Center - Rockhold Room #121