

**Monday – April 10, 2023**

<b>Time</b>	<b>Event</b>	<b>Event Room</b>
1pm	Welcome to K State and Introductions (Dean <b>Matthew J. O’Keefe</b> )	Banquet Room B&C Alumni Center
1:15pm	Keynote by <b>Edwin Keh</b> -CEO of The Hong Kong Research Institute of Textiles and Apparel	
2:00pm	<b>Two</b> Presentations (UArk, KSU) <ul style="list-style-type: none"> <li>• Data Sourcing for Weather Alert Classification (UArk)</li> <li>• Performance Evaluation in Multi-model Transportation Network (KSU)</li> </ul>	
2:50pm	Break	
3:00pm	<b>Three</b> Presentations (MU, UArk) <ul style="list-style-type: none"> <li>• Intelligent Decision Support System for Steel Market Analytics (MU)</li> <li>• Lead Time Distribution Modeling Based on Item Characteristics (UArk/DLA)</li> <li>• Process Optimization for Manufacturing Environmentally-friendly Hair Extensions (MU)</li> </ul>	
4:15pm	Speed Mentoring Session	
5pm-6:00pm	Campus Tour	
6:30pm – 8:30pm	Reception and Poster Session at Engineering	Rathbone Hallway

**Tuesday – April 11, 2023**

<b>Time</b>	<b>Event</b>	<b>Event Room</b>
7:45am	Breakfast	Banquet Room B&C Alumni Center
8:15am	Introduction and Keynote by <b>Dan Vanden Brink</b> – Partner at Decision Spot	
9:00am	<b>Two</b> Presentations (KSU, OSU) <ul style="list-style-type: none"> <li>• Identifying Areas of Low-Access to the COVID-19 Vaccine: A New Objective Framework Incorporating Mobility Data (OSU)</li> <li>• Process Optimization in Cheese Production (KSU)</li> </ul>	
9:50am	Break	
10:00am	Industry Panel <ul style="list-style-type: none"> <li>• Ashton Kappelman – Senior Manager at US Foods</li> <li>• Anita Ranhotra – Distribution Engineering Manager at Hallmark Cards, Inc</li> <li>• Chris Tonn – Simulation and Data Management Engineer at Spirit Aerosystems</li> <li>• Dan Vanden Brink – Partner at Decision Spot</li> <li>• Dennis Haner – PCES Executive, Chief Logistics Office at USPS</li> </ul>	
11:10am	<b>Two</b> Presentations (UArk, OSU) <ul style="list-style-type: none"> <li>• Understanding Weather Events and How they are Tracked</li> <li>• Supply Chain Network Resilience Optimization Incorporating Risk Diffusion (OSU)</li> </ul>	
12pm	Lunch	
1pm	CELDi meeting Adjourn	

## **Presentations**

### **4/10 – 2:00pm Data Sourcing for Weather Alert Classification**

Brenda Hernandez (University of Arkansas), Eric Specking (University of Arkansas), Gregory S. Parnell (University of Arkansas), Ed Pohl (University of Arkansas), Hyeyon Bastian (University of Arkansas), Brendon Hoch (University of Arkansas), George E. Gallarno (University of Arkansas), John Richards, Ph.D. (U.S Army Engineer Research and Development Center), Randy Buchanan, Ph.D. (U.S Army Engineer Research and Development Center)

### **4/10 – 2:25pm Performance Evaluation in Multi-model Transportation Network**

Stasia Colgan (Kansas State University), Ashesh Kumar Sinha (Kansas State University)

### **4/10 – 3:00pm Intelligent Decision Support System for Steel Market Analytics**

Pyam Oveys (University of Missouri), Mahima Naznin (University of Missouri), Thomas Willerth (University of Missouri), Sharan Srinivas (University of Missouri), James Noble (University of Missouri), Kihyung Kim (University of Missouri), Anthony Ross (University of Missouri)

### **4/10 – 3:25pm Lead Time Distribution Modeling Based on Item Characteristics**

Manuel D. Rossetti (University of Arkansas), Andy Parrish (Defense Logistics Agency), Wesley Tate (University of Arkansas), Marshal Ray (University of Arkansas)

### **4/10 – 3:50pm Process Optimization for Manufacturing Environmentally-friendly Hair Extensions**

Ray Wood (University of Missouri), Parth Jahagirdhar (University of Missouri), Sienna Schreiber (University of Missouri), Stephen Swingle (University of Missouri), Sharan Srinivas (University of Missouri) and Suchithra Rajendran (University of Missouri)

### **4/11 – 9:00am Identifying Areas of Low-Access to the COVID-19 Vaccine: A New Objective Framework Incorporating Mobility Data**

Joseph Agor (Oregon State University)

### **4/11 – 9:25am Process Optimization in Cheese Production**

Meghna Maity (Kansas State University), Ashesh Kumar Sinha (Kansas State University), Shing Chang (Kansas State University), Jayendra Amamcharla (Kansas State University)

### **4/11 – 11:10am Understanding Weather Events and How they are Tracked**

Samuel Kreinberg (University of Arkansas), Eric Specking, Ph.D. (University of Arkansas), Gregory S. Parnell, Ph.D. (University of Arkansas), Ed Pohl, Ph.D. (University of Arkansas), Martin Tran (University of Arkansas), Brenda Hernandez (University of Arkansas), John Richards, Ph.D. (U.S Army Engineer Research and Development Center), Randy Buchanan, Ph.D. (U.S Army Engineer Research and Development Center)

### **4/11 – 11:35am Supply Chain Network Resilience Optimization Incorporating Risk Diffusion**

Hector Vergara (Oregon State University)

## **Posters**

### **1. Lead Time Distribution Modeling for DLA Simulation Models**

Wesley Tate (University of Arkansas), Marshal Ray (University of Arkansas)

**2. Preliminary Demand Distribution Modeling for DLA Simulation Models**

Marshal Ray (University of Arkansas), Wesley Tate (University of Arkansas)

**3. Performance Evaluation in Multi-model Transportation Network**

Stasia Colgan (Kansas State University), Ashesh Kumar Sinha (Kansas State University)

**4. Optimization and Game Theory for Coordination in Humanitarian Operations: A Systematic Review**

Ayesha Farooq (Kansas State University) and Jessica L. Heier Stamm (Kansas State University)

**5. Improving Access and Quality in Water Insecure Areas**

Emerald Dudzinski (Virginia Tech) and Kimberly Ellis (Virginia Tech)

**6. Human-Robot Teaming for Intralogistics Operations in Dynamic Environments**

Shitao Yu (University of Missouri) and Sharan Srinivas (University of Missouri)

**7. Hybrid Truck-Drone Route Optimization for Green Last-Mile Logistics**

Arash Alizadeh (University of Missouri), Sharan Srinivas (University of Missouri), James Noble (University of Missouri)

**8. Process Optimization for Manufacturing Environmentally-friendly Hair Extensions**

Ray Wood (University of Missouri), Parth Jahagirdhar (University of Missouri), Sienna Schreiber (University of Missouri), Stephen Swingle (University of Missouri), Sharan Srinivas (University of Missouri) and Suchithra Rajendran (University of Missouri)

**9. Intelligent Decision Support System for Steel Market Analytics**

Pyam Oveys (University of Missouri), Mahima Naznin (University of Missouri), Thomas Willerth (University of Missouri), Sharan Srinivas (University of Missouri), James Noble (University of Missouri), Kihyhung Kim (University of Missouri), Anthony Ross (University of Missouri)