Thursday – February 29, 2024

3:00-5:00pm	Registration for CELDi Research Symposium	Bell Engineering 4207

3:00-3:45pm	Campus Tour
	     Tour guides: Mr. Md Sazid Rahman, Ms. Dewan Maisha Zaman
	     INFORMS UA Student Chapter Officers
		Meet outside BELL 4207

4:00-5:45pm	Industry Career Panel Mentoring Circles Co-hosted with INFORMS Student Chapter Panelists: **Fereydoun Adbesh**, Ph.D., Senior Data Scientist-Operations Research, Walmart Global Tech; **Othman Boudhoum**, M.S., Director-Procurement Business Insights and Analysis, Walmart Inc.; **Alexander Wong**, M.S., Logistics Engineer, J.B. Hunt Transport, Inc.; **Maria Rene Arandia Jimenez**, M.S., Automation Analyst, Tyson Foods; **Manisha Goswami**, Ph.D., Senior Director of Data Science, Sam's Club	BELL 4008 Imhoff Study Lounge

4:30-6:00pm	Collaborative Research Discussion
	     Faculty researchers and industry partners
	     Zoom link for virtual participants
		Gearhart Hall 206

6:00-8:00pm	Welcome Reception and Poster Session	Gearhart Hall 206

Friday – March 1, 2024

8:00-8:45am	Registration and Breakfast	Willard J. Walker Hall (WJWH) 504
8:45-9:00am	Welcome and Introduction Dr. **Sandra Eksioglu**, Associate Dean for Research, College of Engineering, University of Arkansas	
9:00-10:00am	Keynote Speaker Mr. **Tarek Taha**, Senior Director of Engineering & Technology, J.B. Hunt Transport Services, Inc.	
10:15am-12pm	CELDi Presentations (Presenter names in bold) • Input Distribution Modeling for Large-Scale Inventory Models **Manuel D. Rossetti**, Wesley Tate, Marshal Ray, Andy Parrish, Leonard Mackie, Elizabeth Riley (UA & Defense Logistics Agency)	

	• Optimizing Service Level via Drone Hub and Battery Swapping Station Network Design Nima Golghamat Raad and **Sharan Srinivas** (MU) • Developing a Financial Climate Risk Methodology for Army Installation Planning Brenda Hernandez, Will Franks, Alyssa Ball, Sterling Hayden, Martin Tran, **Eric Specking**, Gregory Parnell, Robert Curry, Susan Wolters, Randy Buchanan, John Richards (UA & U.S. Army Engineering Research and Development Center (ERDC)) • Modeling and Solving Dynamic Network Flow Problems Under Non-simultaneous Flow Assumptions **Robert Curry**, Tanner Nixon (UA & U.S. Navy)	
12:00-12:50pm	Lunch and Award Presentation	
1:00-1:45pm	CELDi Presentations • Simulating Basic Material Handling Systems **Manuel D. Rossetti** (UA) • Report of Collaborative Research Discussion and Future Initiatives of CELDi **Shengfan Zhang (**UA)	
2:30-3:30pm	Industry Tour **Tyson Manufacturing Automation Center** (TMAC) 317 E. Meadow Ave. Springdale, AR 72764 Please wear comfortable shoes.	Meet in the TMAC Lobby
4:00-5:00pm	(Optional) Joining IISE Regional Conference Speed Mentoring Session	Tyson Center 1371 W. Altheimer Drive Fayetteville, AR
6:00-7:30pm	Banquet dinner (with IISE Regional Conference) Keynote Speaker Dr. **Russell D. Meller**, Principal Scientist, FORTNA	Tyson Center

Saturday – March 2, 2024

You are welcome to participate in the IISE Regional Conference: https://iise-conference.uark.edu/schedule/.

Department of Industrial Engineering, University of Arkansas, 4207 BELL Engineering, 479-575-3156

Harmon Avenue Parking Garage: 146 N. Harmon Ave. Fayetteville, AR

Poster Session

1. **Smart Installation Weather Warning Decision Support**
Martin Tran, Brenda Hernandez, Samuel Kreinberg, Gregory Parnell, Eric Specking, Ed Pohl, Eddie Gallarno, John Richards, Randy Buchanan, Christina Rinaudo
University of Arkansas and U.S. Army Engineering Research Development Center (ERDC)

2. **Improving Training Risk Assessment for Heat Related Injuries at Fort Moore**
Anthony Beger, Willow Franks, Gregory Parnell, Eric Specking, Ed Pohl, William Anderson, Randy Buchanan, John Richards
University of Arkansas and U.S. Army Engineering Research Development Center (ERDC)

3. **Maximizing Service Level in Drone Delivery Systems: Network Design of Hubs and Battery Swapping Stations**
Nima Golghamat Raad and Sharan Srinivas
University of Missouri

4. **Intelligent Decision Support System for Steel Market Analytics**
Pyam Oveys, Mahima Naznin, Thomas Willerth, Sharan Srinivas, James Noble, Anthony Ross, Kihyung Kim
University of Missouri

5. **Optimizing Workforce Scheduling for Improving Manufacturing Operations of Eco-friendly Hair Extensions**
Ray Wood and Sharan Srinivas
University of Missouri

6. **Incorporating Stochastic Models of Demand into Archer**
Marshal Ray, Manuel Rossetti, Anthony Parrish, Leonard Mackie
University of Arkansas and Defense Logistics Agency