

ISE Faculty / *Student Presentations
Fall 2019 – Spring 2021

Conference Presentations / Proceedings

● **Dr. Yasser Dessouky**

Evolution of the Academic Research on Supply Chain and Global Warming

Cancino, C., Amirbagheri, K., Merigó, J., and **Dessouky, Y.**, (2019), pp 1-11, Proceedings of the 49th International Conference on Computers and Industrial Engineering, Beijing, China.

Machine Learning and Analytics un Logistics and Supply Chain

Dessouky, Y., IV International Workshop: Information and Business Process Management, Santiago, Chile, 2019.

● **Dr. Ayca Erdogan**

Allocation Optimization for Subscription Box Services

Erdogan, S. A., A. Gundogdu S*, and Balasingham J (2020), IEEE International Conference on Industrial Engineering and Engineering Management (IEEM). IEEE

● **Dr. Anil Kumar**

Head-up Displays Vs. Head-Down Displays for Vehicle Navigation with Implemented Driving Distractions

Mendoza, J. and **Kumar, AR** (2020), *Proceedings of the 2020 IISE Annual Conference*. L. Cromarty, R. Shirwaiker, P. Wang, eds. November 1 - November 3, 2020, New Orleans, Louisiana, USA

Effect of bed height on the biomechanics of healthcare professionals during neonatal resuscitation

Yamada, N., and **Kumar, AR.**, (2019) In IPSSW 2019, 11th International Pediatric Simulation Symposia & Workshops, May 20-20, Toronto, CA.

Pepper-spray as a Self-defense Mechanism: Does Design Affect User Performance

Strybel, D. and **Kumar, AR** (2020). In *Proceedings of the 2020 IISE Annual Conference*. L. Cromarty, R. Shirwaiker, P. Wang, eds. November 1 - November 3, 2020, New Orleans, Louisiana, USA

● **Dr. Dan Nathan-Roberts**

Feedback Modalities in Brain-Computer Interfaces: A Systematic Review

Ishihara, W., **Nathan-Roberts, D.** Proceeding presented at the HFES 64th Annual Meeting, online, 2020

Training Decay Selection for Usability Validation: Pilot Study Methodology for an FDA Research Grant

Sum, K., **Nathan-Roberts, D.**, Sneath, L., Clark, S., Proceeding presented at the HFES 64th Annual Meeting, online, 2020

Training Decay Selection for Usability Validation: Pilot Study Methodology for an FDA Research Grant

Sum, K., Sneath, L., Clark, S., **Nathan-Roberts, D.**, Proceeding presented at the HFES 2020 International Symposium on Human Factors and Ergonomics in Health Care, online, 2020

Smart Home Devices: Promoting User Trust and Protecting User Data

Goh, L. S., **Nathan-Roberts, D.**, Proceeding presented at the HFES 63rd Annual Meeting, Seattle, WA, 2019

The Roles of Social Robots in Elder Healthcare: A Systematic Review

Suresh, P., **Nathan-Roberts, D.**, Proceeding presented at the HFES 63rd Annual Meeting, Seattle, WA, 2019

How Noise Affects Patients in Hospitals

Jue, K., **Nathan-Roberts, D.**, Proceeding presented at the HFES 63rd Annual Meeting, Seattle, WA, 2019

Searching for fiction for pleasure reading: Current research and recommendations.

Huang, A., **Nathan-Roberts, D.**, Proceeding presented at the HFES 63rd Annual Meeting, Seattle, WA, 2019

Understanding Prosthetic Abandonment

Martinez, M.E., **Nathan-Roberts, D.**, Proceeding presented at the HFES 63rd Annual Meeting, Seattle, WA, 2019

Theories of Vigilance and the Prospect of Cognitive Restoration

Flanagan, J., **Nathan-Roberts, D.**, Proceeding presented at the HFES 63rd Annual Meeting, Seattle, WA, 2019

Virtual Reality Exposure Therapy and Military Personnel with Post-Traumatic Stress Disorder: A Systematic Review

Singh, S., **Nathan-Roberts, D.**, Proceeding presented at the HFES 63rd Annual Meeting, Seattle, WA, 2019

Trust Measurement in Human–Automation Interaction: A Systematic Review

Brzowski, B., **Nathan-Roberts, D.**, Proceeding presented at the HFES 63rd Annual Meeting, Seattle, WA, 2019

Towards Adaptive Switches through implementation of visual feedback in assistive devices Cascone, F.D., Martorelli, M., Gloria, A., **Nathan-Roberts, D.**, Lanzotti, A., Proceeding presented at 2019 II Workshop on Metrology for Industry 4.0 and IoT (MetroInd4.0&IoT), Naples, Italy, 2019

● **Dr. Hungrui Liu**

Application of Internet of Things (IoT) in Inventory Management for Perishable Produce

Huang J*, **Liu H**, Proceedings of 2020 INFORMS Conference on Service Science (ICSS), Beijing, China, December 2020.

Best Seller Rank (BSR) to Sales: An empirical look at Amazon.com

Sharma A*, **Liu H**, Proceedings of 2020 IEEE 20th International Conference on Software Quality, Reliability and Security, Macau, China, December 2020.

Forecasting and Inventory Model for Genuine Automotive Spare Parts Wholesale Distributor

Sanguansaringkhan N*, **Liu H**, Proceedings of the Institute of Industrial and Systems Engineers (IISE), Orlando, FL, November 2020.

● **Dr. Jacob Tsao**

Mindset, Knowledge and Ability for Innovation and Entrepreneurship in Technology,

Tsao, H-S J, a 75-minute invited workshop conducted at the 2019 S-STEM Symposium - Creating Pathways to an Inclusive STEM Workforce; held in Washington, D.C., (9/12/2019 - 9/14/2019) and co-sponsored by the National Science Foundation (NSF) and American Association for the Advancement of Science (AAAS).

● **Dr. Abbas Moallem**

HCI in Cybersecurity, Privacy, and Trust

Moallem, A, (2020) Proceedings of the Second International Conference HCI-CPT

● **Mr. Dan Rosenberg**

UX Magic, The Power of Semantic Interaction Design

Rosenberg D, (2020) UX MAGIC, Keynote presentation to: Design Management Institutes Academic Leadership Conference, , Virtual Format. <https://www.dmi.org/page/admc2020>