

ISE FACULTY

2024 - 25

CONFERENCE PRESENTATIONS / PROCEEDINGS

- **Dr. Yasser Dessouky**

Overview of Supply Chain Analytics, *The Sixth IEEE International Conference on Technology Management, Operations and Decisions*, Sharjah, UAE, 2024.

Applying Statistical and Machine Learning Techniques to Health Problems, 2024 *International Conference on Management Science and Industrial Engineering*, Bangkok, Thailand, 2024.

- **Dr. Gaojian Huang**

Multimodal Feedback for Effective Takeover in Automated Vehicles for Hearing Impairment Chu, A., Lo, W. H., & Huang, G. (2024). In Adjunct Proceedings of the 16th International Conference on Automotive User Interfaces and Interactive Vehicular Applications (pp. 304-306). <https://doi.org/10.1145/3641308.3680515>
*Best Video Award

Comparing Static and Dynamic Vibration Cues in Wristband Haptic Feedback for Enhanced Driver Response in Automated Vehicles Lo, W. H., & Huang, G. (2024).. In Proceedings of the Human Factors and Ergonomics Society Annual Meeting. Sage CA: Los Angeles, CA: SAGE Publications. <https://doi.org/10.1177/1071181324126875>

Assessing Meaningful Visual and Tactile Feedback for Effective Automated Vehicle Takeover by Hearing and Non- Hearing Drivers Chu, A., Lo, W. H., & Huang, G. (2024).. In Proceedings of the Human Factors and Ergonomics Society Annual Meeting. Sage CA: Los Angeles, CA: SAGE Publications. <https://doi.org/10.1177/10711813241268844>

A Survey on Perceptions of Smartwatch Haptic Feedback for Enhancing Automated Vehicle Takeover Decisions Lo, W. H., & Huang, G. (2024). In Proceedings of the Human Factors and Ergonomics Society Annual Meeting. SAGE Publications. <https://doi.org/10.1177/10711813241275929>

The Impact of Meaningful Vibrotactile Displays on User Preferences Across Age Groups in Automated Driving Zhang, Z., Lo, W. H., & Huang, G. (2024). In Proceedings of the Human Factors and Ergonomics Society Annual Meeting. Sage CA: Los Angeles, CA: SAGE Publications. <https://doi.org/10.1177/10711813241275919>

Exploring Attitudes Towards Smart Home Technology Through Focus Groups: Comparing Older Adults With and Without Health Conditions. Jain, P., Pendyala, S., Etu, E. E., Zhang, Z., Shah, M., Larot, J., & Huang, G. (2024). In Proceedings of the Human Factors and Ergonomics Society Annual Meeting. Sage CA: Los Angeles, CA: SAGE Publications. <https://doi.org/10.1177/10711813241276479> *2024 Arnold M. Small Best Student Paper Award

The Intersection of Voice Assistants and Autonomous Vehicles: A Scoping Review Chu, A., & Huang, G. (2024). In Proceedings of the Human Factors and Ergonomics Society Annual Meeting. Sage CA: Los Angeles, CA: SAGE Publications. <https://doi.org/10.1177/10711813241275908>

Haptic Technology for Hearing Loss: A Systematic Review of Technical Feasibility, Usability, and User Experience Orzech, G., Luo, Y., & Huang, G. (2024). In Proceedings of the Human Factors and Ergonomics Society Annual Meeting. Sage CA: Los Angeles, CA: SAGE Publications. <https://doi.org/10.1177/10711813241275928>

- A Systematic Review Toward a Comprehensive Framework for Measuring Non-chronological Age Milind***, N., Jain, P., & Huang, G. (2024). In Proceedings of the Human Factors and Ergonomics Society Annual Meeting. Sage CA: Los Angeles, CA: SAGE Publications. <https://doi.org/10.1177/10711813241268864>
- **Dr. Minnie Patel**
 - Enhancing Product Designing with the Help of Artificial Intelligence***
Nikalwala, D. and **Patel, M.H.**, Proceedings of PICMET 2024, Portland, OR
 - Impact of AI in Product Lifecycle***
Tiwari, A. and **Patel M. H.**, Proceedings of PICMET 2024, Portland, OR
 - **Dr. Yue (Lyla) Luo**
 - Exploring the Application of Upper Limb Exoskeletons in Pediatric Rehabilitation: A Literature Review.***
Meda, P., Jiang, L., & **Luo, Y.**, In Proceedings of the Human Factors and Ergonomics Society Annual Meeting (p. 10711813241262266). Sage CA: Los Angeles, CA: SAGE Publications. <https://doi.org/10.1177/10711813241262266>, 2024.
 - Assessing Human Visual Attention in Retail Human-Robot Interaction: A YOLOv8-Nano and Eye-Tracking Approach,***
Kumar, K., Chen, Y., Hu, B., & **Luo, Y.** (2024). In Adjunct Proceedings of the 32nd ACM Conference on User Modeling, Adaptation and Personalization (pp. 610-615). <https://doi.org/10.1145/3631700.3665195>, 2024.
 - Designing Nightlights to Facilitate Evening Activities among Older Adults: Illuminance and Hue Preferences.***
Luo, Y., Chen, Y., Yim, S., & Hu, B. (2024). In 2024 IEEE 4th International Conference on Human-Machine Systems (ICHMS) (pp. 1-5). IEEE. <https://doi.org/10.1109/ICHMS59971.2024.10555655>, 2024.
 - Haptic Technology for Hearing Loss: A Systematic Review of Technical Feasibility, Usability, and User Experience.***
Orzech, G., **Luo, Y.**, & Huang, G. Proceedings of the Human Factors and Ergonomics Society Annual Meeting (p. 10711813241275928). Sage CA: Los Angeles, CA: SAGE Publications. <https://doi.org/10.1177/10711813241275928>, 2024.
 - **Dr. Louis Freund**
 - T-Shaped Professionals: The Past, Present, and Future of MyT-Me Development***
Louis E. Freund, Jim Spohrer, Pavel Savva, Yash Gandhi; presented at The Human Side of Service Engineering (HSSE), a subconference of AHFE International, Nice, FR, July 2024.
 - The Customer's Preparedness and Product Quality: Impact on customer satisfaction***
Louis E. Freund, Stephen Kwan, Assil Talbi (Univ of Trento), presented at The Human Side of Service Engineering (HSSE), a subconference of AHFE International, Nice, FR, July 2024.
 - **Dr. Shilpa Gupta**
 - Authentic Assessment and Student Wellbeing***
CSU Symposium on Wellbeing Informed Teaching, 2024.
 - **Dr. Abbas Moallem**
 - Fundamentals in Data Visualization***
AHFE 2024 International Conference – Nice, France, Tutorial Program

The 10 Things you need to know to protect yourself and your company from cyber attacks

AHFE 2023 International Conference – Nice, France, A Tutorials Program

How to Design User-Friendly Dashboards

Tutorials Program, HCI INTERNATIONAL 2024 Conference on Human-Computer Interaction