

ISE FACULTY
SPRING 2022 – SPRING 2023

CONFERENCE PRESENTATIONS / PROCEEDINGS

- **Dr. Anil Kumar**

- ***How Do Different Cueing Strategies Affect Drivers' Perceived Workload?***

- Kumar, AR., Ho, Samson, Wu, X., & Misu, T. (2022).. *In The Proceedings of Human Factors and Ergonomics Society 63rd International Annual Meeting*, October 10 -14, 2022, Atlanta, GA. USA.

- **Dr. Hongrui Liu**

- ***Battery Management System Design for Industrial Manufacture***

- H. Wang, S. Zhang, T. Qiu, H. Liu, L. He, Z. Wang, (2022) Proceedings of 2022 IEEE 25th International Conference on Computer Supported Cooperative Work in Design. Hangzhou, China.

- ***Designing Battery Swapping Stations for Electric Scooters with a Streamlined Supply Chain***

- M. A. Shanbog*, H. Liu (2022), Proceedings of 2022 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM), Kuala, Malaysia, December 2022. (Accepted).

- ***Energy Storage Potential Model for Residential Photovoltaic Systems***

- V. Rios*, Y. Wei, H. Liu (2022), Proceedings of 2022 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM), Kuala, Malaysia, December 2022. (Accepted).

- **Dr. Yupeng Wei**

- ***Energy Storage Potential Model for Residential Photovoltaic Systems***

- Rios, V., Y. Wei, and H. Liu. 2022 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM). IEEE, 2022.

- **Dr. Gaojian Huang**

- ***Designing and Evaluating Meaningful Tactile Displays to Assist Takeover in Automated Vehicles***

- Martinez, K., & Huang, G. (2022). In Adjunct Proceedings of the 14th International Conference on Automotive User Interfaces and Interactive Vehicular Applications (pp. 34-38). <https://doi.org/10.1145/3544999.3552319>

- ***A Systematic Review of Older Adults' Interactions with Smart Home Technology***

- Shah, M., Engelsen, A. M., & Huang, G. (2022).. In 2022 IEEE 3rd International Conference on Human-Machine Systems (ICHMS). IEEE. <https://doi.org/10.1109/ICHMS56717.2022.9980777>

- ***Investigating Users' Preferences in Adaptive Driving Styles for Level 2 Driving Automation***

- Sajedinia, Z., Akash, K., Zheng, Z., Misu, T., Dong, M., Krishnamoorthy, V., Martinez, K., Sureshbabu, K., & Huang, G. (2022).. In 14th International Conference on Automotive User Interfaces and Interactive Vehicular Applications (pp. 162-170). <https://doi.org/10.1145/3543174.3546088>

- ***Identification of Adaptive Driving Style Preference through Implicit Inputs***

- Zheng, Z., Akash, K., Misu, T., Krishnamoorthy, V., Dong, M., Lee, Y., & Huang, G. (2022 in SAE L2 Vehicles. In Proceedings of the 2022 International Conference on Multimodal Interaction (ICMI) (pp. 468-475). <https://doi.org/10.1145/3536221.3556637>

- **Dr. Gaojian Huang (cont.)**

- ***The Impacts of Adaptive Driving Styles on Trust in Level 2 Automated Vehicles***

- Lee, Y. Y., Dong, M., Krishnamoorthy, V., Akash, K., Zheng, Z., Misu, T., & Huang, G. (2022). In Proceedings of the Human Factors and Ergonomics Society Annual Meeting (Vol. 66, No. 1, pp. 345-345). Sage CA: Los Angeles, CA: SAGE Publications. <https://doi.org/10.1177/1071181322661327>

- ***The Effects of Tactile Display on Automated Vehicle Takeover: A Literature Review***

- Martinez, K. D., & Huang, G. (2022). In Proceedings of the Human Factors and Ergonomics Society Annual Meeting (Vol. 66, No. 1, pp. 1305-1309). Sage CA: Los Angeles, CA: SAGE Publications. <https://doi.org/10.1177/1071181322661391>

- ***Effects of Alcohol Consumption on Driving: A Systematic Review***

- Dong, M., Lee, Y., Cha, J. S., & Huang, G. (2022). In Proceedings of the Human Factors and Ergonomics Society Annual Meeting (Vol. 66, No. 1, pp. 1481-1481). Sage CA: Los Angeles, CA: SAGE Publications. <https://doi.org/10.1177/107118132266132>

- ***Exploring the Use of Public Transportation Among Older Adults During COVID-19 Pandemic: A Pilot Study***

- Summerville, S., Etu, E. E., Sureshbabu, K., Parmar, A., & Huang, G. (2022).. In Proceedings of the Human Factors and Ergonomics Society Annual Meeting (Vol. 66, No. 1, pp. 8-12). Sage CA: Los Angeles, CA: SAGE Publications. <https://doi.org/10.1177/1071181322661340>.

- **Dr. Joseph Barjis**

- ***Model-Driven Organizational and Business Agility***

- Babkin, E (Editor), **Barjis, J (Editor)**, et al, (2022), Second International Workshop, MOBA 2022, Leuven, Belgium, June 6–7, 2022. Springer, [Available on Amazon](#).