
Internally Funded Project Awards and Other Faculty Activities 2024

- **Dr. Yue Luo**
 - **Harmonizing Human-Robot Communication in Manufacturing Collaborations**, SJSU VPRI Teaming Award. (PI; \$24,960). 2024-2025.
 - **Enhancing Road Safety by Addressing Hazards from Rental Vehicles**, Mineta Transportation Institute Emerging Leaders Seed Grant – U.S. Department of Transportation. (PI; \$6,736). 2024.
 - **Enhancing Automated Vehicle Takeover: Integrating Age, Mental State, and Assistive Technologies**, SJSU College of Engineering Small Group Project. (Co-PI; \$50,000). 2024-2025.
- **Dr. Gaojian Huang**
 - **Enhancing Automated Vehicle Takeover: Integrating Age, Mental State, and Assistive Technologies**, SJSU College of Engineering Small Group Project (PI; \$100,000). 2024 – 2025.
 - **AI-Driven Adaptive Multimodal Interfaces for Enhancing Micro-Mobility Safety**, SJSU Vice President for Research & Innovation (VPRI) Teaming Award. (PI; \$25,000). 2025 – 2026.

Invited Talks

- **Dr. Yasser Dessouky**
 - APIEMS 2024, Chiang Mai University, 2024
 - NYU-Abu Dubai, 2024
 - New South Wales University, Kensington, AUS 2024
- **Dr. Gaojian Huang**
 - **Innovative Teaching Methodologies in Human-centric Industrial Engineering and Management** Huang, G. (2025).. Invited Panelist, 2nd ERASMUS+ LEONARDO (Learning & Experimentation Open-Access Factory for Industrial Workforce 5.0) Live Discussion Panel. January.
 - **Balancing Multimodal and Unimodal Takeover Requests: Leveraging Sensory Channels in Automated Vehicle Interfaces** Huang, G. (2024).. Human Factors and Safety Group. University of Leeds. November.
 - **Use of Sensory Channels in Automated Vehicles: Implications for Adaptive Human-Machine Interfaces** Huang, G. (2024). Strategic. HFES Student Chapter. University of Illinois Urbana-Champaign. November.
 - **Optimizing Human-Machine Interfaces: Balancing Sensory Modalities in Automated Vehicle Takeover Requests** Huang, G. (2024).. HFES Student Chapter. Virginia Tech. October.

E-Scooters and Subjective Well-Being: The Roles of Skill Level and Automation? Workshop on “promoting well-being for mobility users in future hybrid societies Huang, G. (2024).” at the 16th International ACM Conference on Automotive User Interfaces and Interactive Vehicular Applications. September.

- **Mr. Dan Rosenberg**
Designing in the Age of AI. Invited lecture in the HumanTech educational event series sponsored by SWPS University, Warsaw Poland. 2024. This was a virtual event that SWPS hosts quarterly.

Other Professional Activity

- **Dr. Yasser Dessouky**
 - Technical Committee Chair, 7th International Conference on Management Science and Industrial Engineering, 2025, Bali, Indonesia.
 - Conference co-Chair, 51st Conference of Computers and Industrial Engineering 2024, Sydney, AUS.
 - Technical Committee Chair, 2024 6th International Conference on Management Science and Industrial Engineering, 2024, Bangkok, Thailand.
 - Advisory Board of UNIDEMI, NOVA University, Lisbon, Portugal 2024
- **Mr. Dan Rosenberg** - Invited panels participation:
 - Frascara, J., Gardien, P., Noël, G., Rosenberg, D., Stappers, P.J., and Wild, D. (2024) **Towards strengthening Methods in Design Education and Practice**, Webinar hosted by Lucern University of Applied Sciences and Arts, Dec. 9, 2024.
 - Rosenberg, D., Welchman, L., Bowles, C. (2024) Day 1 Panel participant reflecting and **recapping Designing with AI 2004**, Rosenfeld Media conference, June 4, 2024.
 - Maj, K, Sypniewski, D., Rosenberg, D., Rayss, A., Nowacka, A. (2024) **Designing in the Age of AI.** Invited panelist in the HumanTech educational event series sponsored by SWPS University, Warsaw Poland.
- **Dr. Yue Luo**
 - Program Chair, Human Factors and Ergonomics Society Aging Technical Groups
 - Section Chair, 68th Annual Meeting of the Human Factors and Ergonomics Society
 - Program Committee, 2024 IEEE International Conference on Human-Machine Systems
- **Dr. Ramesh Srinivasan**
 - Collaboration with California Product Stewardship Council (CPSC) on Solar Panel Recovery Project