

**Human Factors and Ergonomics Society Annual Meeting**  
**Iowa State University, IMSE Presentations, Panels, and Posters**  
**October 1-5**  
**Philadelphia, PA**

**HFES Tuesday October 2<sup>nd</sup> Presentations**

1:30pm-3:00pm

1. A. Wooldridge, A., Nguyen, T., Valdez, R. Montague E., Milner, M., Dorneich, M. & Roscoe, R. (2018) *Human Factors and Ergonomics in Diversity, Inclusion and Social Justice Research*. (Panel)

**HFES Wednesday October 3<sup>rd</sup> Presentations**

8:00am-9:30am

2. Burns, M., Manganelli, J., Wollman, D., Boring, R., Gilbert, S., Griffor, E., Lee, Y., Nathan-Roberts, D., & Smith-Jackson, T. (2018). *Elaborating the Human Aspect of the NIST Framework for Cyber-Physical Systems*. (Panel)
3. Wang, Z., Stone, R., Mumani, A., & Schnieders, T. (2018) *How Packaging Characteristics Change the Perception of Product Net Weight*.

10:45am-12:15pm

4. Kelly, N., & Gilbert, S. (2018). *The Wearer, the Device, and its Use: Advances in Understanding the Social Acceptability of Wearables*.

2:00pm-3:30pm

5. Helgerson, A., Walton, J., Loya, C., Kawell, C., Atwell, K., Monaghan, Q., Ahuja, L., Hassan, H., Gilbert, S. B., & Sharma, A. (2018). *Developing an Optimized UI for Traffic Incident Managers*.

**HFES Thursday October 4<sup>th</sup> Presentations**

8:00am-9:30am

6. Tokadli, G., Ouverson, K., Meusel, C., Garcia, A., Gilbert, S. B., & Dorneich, M. C. (2018). *An Analysis of Video Games Using the Dimensions of Human-Agent Interaction*.
7. Norasi, H., Koenig, J. & Mirka, G. (2018) *Effect of Load Weight and Starting Height on the Variability of Trunk Kinematics*.
8. Tetteh, E. & Mirka, G. (2018) *Effect of Time on the Variability of Lifting Kinematics in a Repetitive Lifting Task*.

10:45am-12:15pm

9. Gilbert, S., Steinberg, M., Casallas, J., Danielescu, A., & Gombolay, M. (2018). *The Challenges of AI in Human Factors*. (Panel)

2:00pm-3:30pm

10. Stonewall, J., Huang, W., Dorneich, M., Krejci, C., Shenk, L., & Passe, U. (2018) *Energy Use and Weatherization Practices: Applications for Agent-Based Modeling to Support Vulnerable Populations*.
11. Finseth, T., Barnett, N., Shirtcliff, E., Dorneich, M. & Keren, N. (2018) *Stress Inducing Demands In Virtual Environments*.

## **HFES Friday October 5<sup>th</sup> Presentations**

8:30am-10:00am

12. Walton, J., Ostrander, A., Ouverson, K., Gilbert, S., Dorneich, M., Winer, E., & Sinatra, A. (2018). *Feedback Design Considerations for Intelligent Team Tutoring Systems*.
13. Ouverson, K., Stonewall, J., Gilbert, S., & Dorneich, M. (2018). *Developing Strategic Training on Reading the Mind in the Eyes*.

## **HFES Posters**

14. Schnieders, T. & Stone, R. (2018) *Ranking Importance of Exoskeleton Design Aspects*.
15. Stone, R., Janusz, O. & Schnieders, T. (2018) *Ergonomic Analysis of Modern-Day Kitchen Knives*.
16. Stone, R., Moeller, B., Schnieders, T., Mumani, A. (2018) *Vastus and Patellar Protection with Range of Motion Pad – Advanced Personal Protective Equipment for the Lower Body*.
17. Stone, R., Fales, C., Jose, D., Schweiger, D., Krejci, C., Wang, Z., Schweiger, D. & Hernandez, C. (2018) *The Impact of Scientific Management Principles on Food Hub*.

## **HFES 2018 Leadership Posts**

- I. **S. Gilbert:** Program Chair of the CEDM (Cognitive Engineering & Decision Making) Technical Group.
- II. **M. Dorneich:** Program Chair Elect, Cognitive Engineering and Decision Making Technical Group.