



**The University of Michigan Center for Ergonomics**

**Presentations, Posters and Discussion Panels**

*Annual Meeting of the Human Factors and Ergonomics Society*

*Philadelphia, Pennsylvania, October 1 – 5, 2018*

<b>Author</b>	<b>Presentations and Poster Sessions</b>	<b>Date and Time</b>	
Lim, S., D'Souza, C.	Inertial Sensor-based Measurement of Thoracic-Pelvic Coordination Predicts Hand-Load Levels in Two-handed Anterior Carry	10/02 10:30 AM – 12:00 PM	OE1
Jeong, H., Liu, Y.	Development and Evaluation of a Computational Human Performance Model of In-vehicle Manual and Speech Interactions	10/02 10:30 AM – 12:00 PM	SD1
Haney, J., D'Souza, C., Reed, M.	Modeling Hand Trajectories During Sequential Reach Movements in a Pulley Threading Task	10/02 1:30 – 3:00 PM	OE2
Reed, M.	Investigating the Effect of Task Parameters on Force Exertion Rating of One-Handed Pulling Tasks	10/02 1:30 – 3:00 PM	OE2
Jeong, H.	Effects of Automation Type on Human Performance in Proofreading Tasks	10/02 5:00 – 7:00 PM	POS
Yang, X.	Trust Dynamics in Sequential Decision Making	10/03 10:45 AM – 12:15 PM	CE5
Du, N., Yang, X.	Evaluating Effects of Automation Reliability and Reliability Information on Trust, Dependence, and Dual-Task Performance	10/03 10:45 AM – 12:15 PM	CE5
Lu, Y., Sarter, N.	Eye Tracking: A Promising Method for Inferring Trust in Real Time	10/03 10:45 AM – 12:15 PM	CE5
D'Souza, C.	Upper Extremity Muscle Activity During Household Floor Vacuuming With Upright Cleaners	10/03 10:45 AM – 12:15 PM	PD4
Green, P.	Posters With Fellows	10/03 11:00 AM - 12:00 PM	SS4
Wang, C., Yang, X.	Automation Reliability and Trust: A Bayesian Inference Approach	10/04 8:00 AM - 9:30 AM	CE7
Lim, S., D'Souza, C.	Preliminary Study of Obstacle Clearance and Compensatory Movements in Individuals with High Body Mass Index	10/04 10:45 AM - 12:15 PM	ED1
Liu, K., Green, P.	Driver Responses to Augmented Reality Warnings and Alternatives at Urban Signalized Intersections	10/05 8:30 AM - 10:00 AM	ST6
Wan, Y., Sarter, N.	The Effects of Masking on the Detection of Alarms in Close Temporal Proximity	10/05 8:30 AM - 10:00 AM	PP3



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Discussion Panel	Date and Time	
Yang, X. J. Reliability, Trust, and Decision Making (Chair)	10/03 10:45 – 12:15 PM	CE5