



## **AEC VE Recorded Presentation List**

### ***Starting & Managing an Exoskeleton Program***

Presenters: Misty Wies and Mike Wilson, Toyota Motor Manufacturing; Marisol Barrero, Toyota Motor North America

### ***Wearable Sensors for Ergonomics: Worker Ratings of Discomfort, Distraction, and Burden***

Presenter: Mark Schall, Auburn University

### ***Assessing the Accuracy of a Five Wearable IMU Sensor System for Measuring Lifting Risk Factors***

Presenter: Menekse Barim, NIOSH

### ***Functional Wellness: How Posture & Movement Help Workers Thrive***

Presenter: Mark Vettraino, TaskGroup International

### ***Computer Vision Revolutionizing Ergonomics***

Presenter: Brenda Jones, Kinetica Labs, Inc.

### ***Manual Materials Handling Assessment Tools: Updates & Extensions***

Presenter: Blake McGowan, VelocityEHS/Humantech

### ***Desktop and Mobile Device Accessories by Kensington***

Presenter: Lisa Schuiteboer, Kensington

Plus many more.....

## **Posters on Display**

### ***The Effect of Using the "20-8-2" Pattern at an Active Workstation on Task Performance and Energy Expenditure***

Presenter: Gulberg Ergin, Texas A&M University

### ***Difficulties and Solutions for a Better Relationship between Companies and Brazilian Government Institutions***

Presenter: Adriano Varasquin, PUCPR

### ***Controlling Ergonomic Hazards in Masonry Construction***

Presenter: Robert Batson, University of Alabama, Dept. of Civil and Construction Engineering

***Macroergonomics and the Workplace Experience: Integrative Strategies for Improving Employee Engagement, Health and Performance***

Presenter: David Weiner, The Rising Workplace

***Work Safety with Industry Advent 4.0: Applying Virtual Reality in Training - A Systematic Literature Review***

Presenter: Leandro Vieira, Renault

***Pilot Study: A New Technology for Ergonomic Assessment in Healthcare***

Presenter: Xiaoxu Ji, Gannon University

***Advanced Work Assessment & Worker Training System***

Presenter: JuHyeong Ryu, University of Waterloo