

EMERGING TECHNOLOGIES: THE FUTURE OF ERGONOMICS



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North Carolina Occupational Safety and Health Education and Research Center
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Register: coeh.berkeley.edu/20ew1118

About the Webinar:

The field of ergonomics is rapidly changing. Emerging technologies such as exoskeletons, wearable sensors, computer-vision, artificial intelligence, and virtual and augmented reality are being integrated into how companies & ergonomists provide services. From design, to training, to assessments, to solution implementation, these new technologies can help companies optimize business performance. This presentation will provide a “high-level” overview of this topic and will provide some insights into the future of our field of ergonomics (from a practitioners perspective).

Objectives:

At the completion of this activity, the learner will be able to:

- Review the history and limitations of traditional ergonomics practices and methods
- Describe emerging technologies (exoskeletons, wearable sensors, computer-vision, virtual and augmented reality) being developed and used for ergonomics applications
- Discuss the future direction of ergonomics

Speaker Biography:

Jeff Hoyle, CPE, is Director of Ergonomics Services for The Ergonomics Center of North Carolina, NC State University. He specializes in helping companies optimize business performance through ergonomics services such as comprehensive program development, ergonomics cultural growth & maturity, training at all levels, ergonomics analysis, and implementation of practical solutions.



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