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The Human Factors and Ergonomics Society Presents Symposium on Health Care Featuring Technologies and Techniques to Transform Training, Safety and Success in Healthcare

This is the 12th International Symposium on Human Factors and Ergonomics in Healthcare by the Human Factors and Ergonomics Society

Washington, D.C.—March 7, 2023—The Human Factors and Ergonomics Society (HFES) will host the 12th International Symposium on Human Factors and Ergonomics in Healthcare on March 26-29, 2023, at the Loews Sapphire Falls Resort in Orlando, FL. This event serves as the premiere conference at the intersection of human factors and health care and will feature five tracks, including Digital Health, Hospital Environments, Patient Safety Research and Initiatives, Education and Simulation and Medical and Drug Delivery Devices.

"This event will highlight how technology is rapidly and directly evolving the health care system and how leveraging human factors can help avoid critical medical errors and improve patient and provider well-being," said Joseph R. Keebler, Ph.D., HFES's Health Care Symposium Chair. "Attendees will gain an unprecedented understanding of current cutting-edge research and technology in the health care environment where human factors and ergonomics principles should be applied to improve medical device design, optimize team performance in hospitals, and improve patient safety. It will also uncover new insights into emerging issues such as artificial intelligence in medical decision making and burnout among nurses, doctors and staff."

The keynote address will be given by Peter Weinstock, MD, Ph.D., Executive Program Director of Immersive Design Systems and Anesthesiology Endowed Chair in Pediatric Simulation at Boston Children's Hospital. The title of his address is "Immersive Technologies to Transform Training, Safety, and Experience in Health Care" and will be held on Monday, March 27, from 8:30 a.m. - 10:00 a.m. in Grand Caribbean 6.

Other sessions will include several topics, including virtual reality in health care, digital health, artificial intelligence (AI), connected medical devices, simulations to improve design, training and coordination, and much more. The symposium will also announce the winners of the student design competition for Mobile Health Applications for End Users. Entries showcase the application of human factors/ergonomics (HF/E) methods and design principles for the design of a mobile health application for end users and how an HF/E approach to such an application can lead to a useful, usable, and satisfying user experience while simultaneously improving patient outcomes such as knowledge, safety, adherence, or health.

For those who may be unable to join the event in Orlando in person, more than 30 Sessions in the Medical and Drug-Delivery Device and Digital Health tracks as well as the keynote address will be live-streamed from the event and available as session recordings at a later date. Visit this link to register for virtual access: https://www.hcs-2023.org/virtual-access.

For more details and additional information on the event, please visit https://www.hcs-2023.org.

About Human Factors and Ergonomics Society (HFES)

Founded in 1957, HFES is the world's largest scientific association for human factors/ergonomics professionals. HFES serves the needs of members and the public by promoting and advancing the discovery and exchange of knowledge concerning the characteristics of human beings that are applicable to the design of systems, products, tools, and environments of all kinds. The society's more than 3,000 members work in educational institutions, companies, government and military research centers, and independent consultancies in 58 countries. For more information, please visit https://www.hfes.org/.