



DHM 2022

13TH INTERNATIONAL CONFERENCE ON 13TH INTERNATIONAL CONFERENCE ON DIGITAL HUMAN MODELING & APPLICATIONS IN HEALTH, SAFETY, ERGONOMICS & RISK MANAGEMENT

HCI International 2022

26 June - 1 July 2022

The Conference will be
held virtually

Jointly held under one management and one registration with HCI International 2022

<http://2022.hci.international/dhm>

Chair

Vincent G. Duffy (duffy@purdue.edu)

Software representations of humans, including aspects of anthropometry, biometrics, motion capture and prediction, as well as cognition modelling, are known as digital human models (DHM), and are widely used in a variety of complex application domains where it is important to foresee and simulate human behavior, performance, safety, health and comfort.

Automation depicting human emotion, social interaction and functional capabilities can also be modeled to support and assist in predicting human response in real world settings. Such domains include medical and nursing applications, education and learning, ergonomics and design, as well as safety and risk management.

The DHM Conference, an affiliated conference of the HCI International Conference, arrived at its 13th edition and solicits papers from academics, researchers, industry and professionals, on a broad range of theoretical and applied issues related to Digital Human Modelling and its applications.

The related topics include, but are not limited to:

- Aging & Technology Adoption
- AHP & Applications in Decision Making
- Artificial Intelligence & Smart Services
- Autonomous Driving, Avatars & Pedestrians
- Biometrics, Human Identification and Cyber-Security
- Bibliometric Analysis & Text-based Content Analysis
- Creativity & Learning as a Stimulus for Creativity
- Emotional Response & Physiological Measures
- Energy, Smart Apps & Environmental Management
- Ergonomic Design & Neuroscience Cooperation
- Exoskeleton and safety
- Eye tracking & Observing Service Quality
- Face Reader Synchronization with Response
- Fashion Design & Communication Sciences
- Future of Work at Human-Technology Frontier
- Gamification and Game-Based Learning
- Gestures & Human-Robot Interaction
- Integrating Social & Ethical Requirements
- Job Design and Changing Nature of Work
- Occupational Health & Operations Management
- Recommender Systems & Consumer Behavior
- Smart Cities, Transportation & Tourism
- Smart Products & Human-System Interaction
- Social robotics
- Task Interruption & Visualization of Information
- Task Analysis, Quality & Safety in Healthcare
- Text Mining & Content Analysis
- Wellness, Health and Well-being

Submission deadlines are available at the HCI 2022 website:

<http://2022.hci.international/submissions>

Conference proceedings published by

