

HFESA Virtual Conference 2021

List of accepted presentations (ordered in alphabetical order of first authors' name)

Author(s)	Title	Type
Abdullah Alzhrani, Margaret Cook and Kelly Johnstone	Using touchscreen mobile devices - when, where and how: a one-week field study	Scientific
Adam Hulme, Neville Stanton, Guy Walker, Patrick Waterson and Paul Salmon	Testing the tools of our trade: Are systems-based safety methods in Human Factors and Ergonomics fit for purpose?	Scientific
Alicia Lampe, Thomas Hofmann and Mandra Bensmann	Experience complex decisions – an approach to increase the usability of airport management systems	Scientific
Amalia Yoguez	Theoretical and practical approach to deal with stress and pressure in aeronautical sector in Mexico	Case/Application
Andrew Wright	Human Factors in the Nuclear Industry: Insights from a case study	Case/Application
Ann Carrigan, Amanda Charlton, Elliot Foucar, Mark Wiggins, Andrew Georgiou, Thomas Pameri and Kim Curby	Cue Utilisation Reduces the Impact of Response Bias in Histopathology	Scientific
Ann Carrigan, Robyn Clay-Williams, Farah Magrabi, David Lyell and Jeffrey Braithwaite	The impact of automation on human perception in healthcare: A protocol for a systematic review	Virtual Poster/Short communication
Barry Kirby and Ryan Gamble	Climate Ergonomics: Extending the Human Factors Process to the Macro-Environment	Virtual Poster/Short communication
Brandon King, Paul Salmon and Gemma Read	From Science Fiction to Reality: What are the Risks of Brain-Computer Interfaces and how can Human Factors and Ergonomics Prevent Them?	Scientific
Bridie Luva and Anjum Naweed	I have the power: Perceptions of status and self-work influencing rail network control	Scientific
Dane Casserly	Road maintenance machinery access and the Ageing workforce	Scientific
David Nicoll, Kingsley Fletcher, Megan Bartlett, Oren Griffiths, Mike Nicholls and Jason McCarley	Strategy use with an optimal observer aid in noisy multiple-cue judgments	Virtual Poster/Short communication

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Elham Faez, Seyed Abolfazl Zakerian, Kamal Azam, Kyle Hancock and John Rosecrance	An Assessment of Ergonomics Climate and Its Association with Self-Reported Pain, Organisational Performance and Employee Well-Being	Virtual Poster/ Short Communication
Elizabeth Austin, Brette Blakely, Paul Salmon, Jeffrey Braithwaite and Robyn Clay-Williams	The future Emergency Department: Using Cognitive Work Analysis to model and design resilient systems	Scientific
Francesco Mazzeo and David Jenkins	The human factors of remote vehicle assistance	Virtual Poster/Short communication
Gemma Read, Alison O'Brien, Neville Stanton and Paul Salmon	What causes automation-related adverse events? Lessons learned for the transition to automated vehicles	Scientific
Guy Johnston	Whose Role is it Anyway? Human Factors Integration in a Major Transportation Project	Case/Application
Haroun Zerguine, Venerina Johnston, Genevieve Healy, Ana Goode and Alison Abbott	Factors impacting workplace investment in sit-stand workstations from the perspective of decision-makers	Scientific
Jason McCarley, Megan Bartlett, Lana Tikhomirov and Jackson Duncan-Reid	A Generative Model of Automation-Aided Signal Detection	Virtual Poster/Short communication
Jennifer Long	Future-proofing a "Visual Ergonomics and Visual Display Use" technical report for an international audience	Virtual Poster/ Short Communication
Kate Moncrieff, Thomas Britland, Jamie Barton, Guy Johnston and Christobel Hui	Traffic Management Systems implementation at home and abroad	Case/Application
Masoumeh Abedi, Tammy Aplin, Elise Gane and Venerina Johnston	Exploring the Perspective of Key Stakeholders on the Barriers and Facilitator to Return to Work after Minor to Serious Musculoskeletal Road Traffic Injuries: A Qualitative Study	Scientific
Megan Bartlett, Melanie Boskemper, Lana Tikhomirov, Jackson Duncan-Reid and Jason McCarley	Efficiency of Operators' Automation Use in Binary Signal Detection	Scientific
Megan Cackett, Isaiah Fischer-Brown, Laura Fulton and Xiaomai Chen	Think outside the box: a case study on design of initial wearable interactions through ergonomic affordances	Case/ Application

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Melissa Baysari, Wu Yi Zheng, Bethany Van Dort and Romaric Marcilly	Tool for Evaluating Medication Alerting Systems (TEMAS): Conception, development, testing, and future applications	Scientific
Natalie Schiavello and Natalie Schiavello	New Ways of Working: Employee Experiences of Sense of Belonging, Connectedness and Engagement.	Scientific
Nektarios Karanikas and Bhargavi Dhruv Jani	Do we focus on what matters more? Contribution of factors relating to work-related musculoskeletal disorders of physiotherapists	Scientific
Paul Salmon	Human Factors and Ergonomics and our changing world: are we fit-for-purpose?	Scientific
Robyn Clay-Williams, Geoff Doctor, Pia Tombolero and Elizabeth Austin	Handover and the Emergency Department: Using Functional Resonance Analysis Method (FRAM) to model and design innovations for improved collaboration along the mental health patient journey	Scientific
Rwth Stuckey, Jodi Oakman and Victoria Weale	Workplace physical and psychosocial hazards: A review of the evidence on hazard identification tools	Scientific
Sara Pazell and Anita Hamilton	Educational Ergonomics: A Human-Factors Student-Centred Approach to Undergraduate OT Course Design	Case/ Application
Sara Pazell, Elise Crawford and Nektarios Karanikas	Good Work Design: The Compelling Position of the HFESA	Virtual Poster/ Short Communication
Sarah Collyer and Anjum Naweed	Exploring Taboo and Stigma in Rail Suicide in Australia and New Zealand: A Grounded Theory and Thematic Networks Analysis	Scientific
Scott McLean and Paul Salmon	With crisis comes opportunity: Redesigning performance departments of elite sports clubs for life after a global pandemic	Scientific
Stephanie Cassidy	Application of the ISO 45003:2021 to a Public Transport Bus Service in Victoria	Case/ Application
Stephanie Chappel and Anjum Naweed	Multi-system perspectives of the process of relieving rail drivers following a signal passed at danger	Scientific
Susan Rogerson	How to lift training (HTLT) - fiction, facts and the future – survey findings	Scientific

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Valerie O'Keeffe and Sara Howard	Apples, Apps and Approvals: Digital Work Management In Shipbuilding	Scientific
Valter Gådin, Bo Schenkman, Börje Andrén and Kjell Brunnström	Text Legibility in Virtual Reality: Reading speed, user rating and eye-tracking	Scientific
Venerina Johnston, Michelle Smith, Beatriz Rodriguez-Romero and Genevieve Healy	Reducing discomfort while using height-adjustable workstations in the office environment	Scientific
Venerina Johnston, Shaun O'Leary and Deokhoon Jun	Do physical and psychosocial risk factors interact to increase musculoskeletal problems?	Scientific