



FIRST CALL FOR ABSTRACTS

Fourth African Symposium on Human Factors and Aviation Safety (ASHFAS2019)
Fourteenth Ergonomics Society of South Africa Conference (ESSA2019)

“BRIDGING THE GAP BETWEEN HUMAN FACTORS/ERGONOMICS THEORY & PRACTICE”

27th to 29th August 2019, Durban, South Africa

Human Factors and Ergonomics (HFE) focus on understanding any system in which humans interact with their environment and the artefacts within it, whether this be in the context of work, sport or everyday life. Understanding these systems and how they either enhance or detract from the human's ability to remain safe and productive, provides HFE specialists with insights into how to better design for humans, with humans. In order to achieve this, HFE specialists should harness both the latest research and practical knowledge and experience. However, there still remains a very evident gap between the 'Ivory towers' of the University HFE research foci and the practical, real world issues and needs faced by practitioners. In a rapidly changing world of work, where the place, time and manner in which humans work is shifting, HFE is uniquely placed to meaningfully capture the implications for human wellbeing and performance. Research can inform how the design of work systems can better meet the needs of the humans operating within these systems. In light of this, Universities have an obligation to become more responsive to the needs of the communities in which they find themselves. Similarly, practitioners have a responsibility to integrate the latest ergonomics research into the practical application of HFE. While bridging this gap is not a new challenge, the aim of this conference is to reduce this gap further and stimulate better researcher-practice collaboration.

We are pleased to bring you two conferences in one in 2019. From 27 to 29 August 2019 these conferences will be hosted by Air Traffic and Navigation Services in partnership with the Ergonomics Society of South Africa, University of the Witwatersrand and Rhodes University. We hope to attract academics, students, government representatives, and industry professionals from the ergonomics, human factors, aviation safety, transport, mining, and healthcare industries. This year we are also intending to spread our wings further afield from South Africa and to attract people from countries across the African continent. We would like to invite academics and industry participants to submit extended abstracts (500 words) for consideration.

Topics can include, but are not limited to:

- Ergonomics & design
- Physical ergonomics
- Organisational ergonomics
- Usability & user experience
- Ergonomics in construction
- Cognitive ergonomics
- Human error, resilience & reliability
- Health care ergonomics
- Designing for inclusion
- Leadership, management & human factors
- Safety culture
- “Just” culture
- Human factors & flight deck operations
- Fatigue and fatigue management
- Safety management & human factors
- Human factors in transportation
- Green ergonomics & sustainability
- Human factors in the informal sector
- Human factors in education, learning & training
- Human factors in sports, performance & injury prevention
- Human factors theories, modelling & application
- Human computer interaction
- Human factors & systems interaction
- Organisational culture
- Wellbeing
- Situational awareness

Submission deadline: 29 April 2019

Review feedback: 13 May 2019

Revised (if necessary) submission: 27 May 2019

Revised feedback: 10 June 2019

Final submission: 15 July 2019

For exhibits and sponsorship:

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For abstract submissions:

Dr Jonathan Davy: Jonathan.Davy@ru.ac.za

Abstract Submission requirements:

We invite potential participants to submit abstracts that capture:

- Empirical studies
- Case studies and examples of best practice
- Theoretical contributions
- Methodological articles involving technology for recording and/or analysing humans at work

Submit: via Jonathan Davy (Jonathan.Davy@ru.ac.za)

Length: 500 words

Format: abstracts are accepted in Word format

Structure: There is no specified structure for the abstract.

Contact details: Please include the following contact details when you email your abstract: Full name; email address; affiliation (i.e. organisation, university, etc.); alternate phone contact

Evaluation criteria: Abstracts are evaluated on the following criteria: (a) appropriateness to the symposium; (b) contribution to the subject area; (c) practical relevance or theoretical relevance to the audience; (d) scientific soundness of the research (where relevant); and (e) links to previous relevant work.



4th African Symposium on Human Factors and Aviation Safety - **ASHFAS2019**
14th Ergonomics Society of South Africa Conference - **ESSA2019**

AUGUST
27 - 29 2019

DURBAN, SOUTH AFRICA

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ATNS AIR TRAFFIC & NAVIGATION SERVICES

ERGONOMICS SOCIETY OF SOUTH AFRICA