



## EPCE 2024

# 21ST INTERNATIONAL CONFERENCE ON ENGINEERING PSYCHOLOGY AND COGNITIVE ERGONOMICS

Jointly held under one management and one registration with HCI International 2024

### HCI International 2024

29 June - 4 July 2024  
Washington Hilton Hotel,  
Washington DC, USA

<https://2024.hci.international/epce>

#### Chairs

**Don Harris** (Don.Harris@coventry.ac.uk)  
**Wen-Chin Li** (wENCHIN.LI@cranfield.ac.uk)

The first Engineering Psychology and Cognitive Ergonomics conference was held in Stratford-upon-Avon in the UK in 1996. The conference in 2024 will be the 21st time that the conference has been held. Over the last 27 years over 1,000 papers have been presented in this conference series by authors from 70 countries. Since 2001 (the fourth conference) it has been an integral part of the HCI International conference series, and has gone from strength-to-strength, attracting a world-wide audience of scientists and human factors practitioners.

The Engineering Psychology submissions describe advances in applied cognitive psychology that underpin the theory, measurement and methodologies behind the development of human-machine systems. Cognitive Ergonomics describes advances in the design and development of user interfaces. Originally, these disciplines were driven by the requirements of high-risk, high-performance industries where safety was paramount, however the importance of good human factors is now understood by everyone. And not only can it improve safety, it has been demonstrated to save money!

We look forward to welcoming you to the 21st Engineering Psychology and Cognitive Ergonomics Conference!

#### The related topics include, but are not limited to:

- Applied Cognitive Psychology in Industries
- Augmented Cognitive Design: Visualization / Auditory / Haptics
- Advanced Design for Training and Education
- Command and Control
- Control / Display and Interface Design
- Decision Support System
- Designing for Pleasure / Kansei Engineering
- Distributed Cognition and Distributed Systems
- Diversity and Society Acceptance of Advanced Technologies
- Formal Error Prediction Techniques
- Human Perform and Error Management
- Human Factor Measures and Methods
- Cognitive Task Analysis / Task Analytic Methods
- Human Factors Certification and Regulation
- Human Factors in Remote Operations
- Human-Artificial Intelligence Interaction
- Human Reliability Assessment
- Industrial Ergonomics
- New Technologies and Change Management
- Product Design / Participatory Design
- User Experience Improvement
- Quality assurance / Validation and Verification
- Safety-I VS Safety-II
- Safety and Just Culture in Organization
- Situation Awareness
- Socio-Technical Systems
- Stress, Fatigue, and Mental Workload
- Systems Engineering / Requirements Analysis
- System Safety Management
- Team Working / Job Design
- Training and Simulation
- Trust in Automation / Automation and Autonomous Systems

Conference proceedings published by

Submission deadlines are available at the HCII 2024 website:

<https://2024.hci.international/submissions.html>

