



HCI International 2026

26-31 July 2026
Montreal Convention Centre,
Montreal, Canada

EPCE 2026

23RD INTERNATIONAL CONFERENCE ON ENGINEERING PSYCHOLOGY AND COGNITIVE ERGONOMICS

Jointly held under one management and one registration with HCI International 2026

<https://2026.hci.international/epce>

Chair

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The first Engineering Psychology and Cognitive Ergonomics Conference was held in Stratford-upon-Avon in the UK in 1996. Over the last 29 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! The scope of EPCE 2026 includes:

- Engineering Psychology: Contributions in this area address *theoretical developments in psychology* (including cognitive, behavioural and social psychology) that inform the design, evaluation, and optimization of complex socio-technical systems.
- Cognitive Ergonomics: Encompasses *research on the design and evaluation of future human-machine-interfaces*, with a focus on enhancing system safety, performance, and user experience.

I look forward to welcoming you to the 23rd 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
- Adaptive Assistant System
- Advanced Design for Training and Education
- Command and Control
- Control /Display and Interface Design
- Decision Support System
- Distributed Cognition and Distributed Systems
- Formal Error Prediction Techniques
- Human-autonomy teaming
- 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
- Mental State Prediction
- Multi-Modal Interface
- New Technologies and Change Management
- Product Design /Participatory Design
- User Experience
- Quality assurance /Validation and Verification
- Safety-I VS Safety-II
- Safety and Just Culture
- Assessment of Situation Awareness
- Socio-Technical Systems
- Stress, Fatigue, and Mental Workload
- Stressors and Human Performance
- Systems Engineering /Requirements Analysis
- System Safety Management
- Team Working /Job Design
- Training and Simulation
- Trust in Autonomous Systems

**Submission deadlines are available at the
HCII 2026 website:**

<https://2026.hci.international/submissions.html>

Conference proceedings published by

