

International Journal of

Cognitive Performance Support

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Scope of the Journal

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IJCPS provides a forum for addressing issues relevant to the development of innovative strategies to enhance our productivity when interacting with a user interface. The UI should become actor-focused, utilising cognitive strategies commonly deployed for task performance. The ability to recognise the cognitive and emotional states of actors should be integrated into the design of the UI at a fundamental level - providing the means to automatically acquire and adapt the UI to the cognitive and emotional state of the actor.

Topics covered include:

- Conceptual support systems
- Epistemic systems, ontologies and hermeneutics
- User modelling and user-centric system design
- Cognitive ergonomics
- Cognitive prostheses
- Assistive technologies
- Computer-based learning
- Task performance support systems
- Communication systems design
- Biofeedback based interactions
- Subliminal information pipelines
- Brain-computer based technologies
- Human factors as related to UI design; adaptive UI
- Ecological/evolutionary factors in distributed/shared cognition/awareness
- Agent-based interactions



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