Cognition, Technology & Work

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► Free app available on iTunes and Google Play Store
► Brings together the research that normally resides on the borderline between people, technology and institutions
► Presents the study of people at work from a cognitive systems engineering and socio-technical systems perspective
► Emphasizes the importance of seeing technology as the medium to improve people’s wellbeing, health and performance rather than the focus of development
► Advocates a view that considers all stages of a system’s life cycle, from design to operations and maintenance, and to change and emergency management

Focus: Cognition, Technology & Work focuses on the practical issues of human interaction with technology within the context of work and, in particular, how human cognition affects, and is affected by, work and working conditions.

The aim is to publish research that normally resides on the borderline between people, technology, and organisations. Including how people use information technology, how experience and expertise develop through work, and how incidents and accidents are due to the interaction between individual, technical and organisational factors.

The target is thus the study of people at work from a cognitive systems engineering and socio-technical systems perspective.

The most relevant working contexts of interest to CTW are those where the impact of modern technologies on people at work is particularly important for the users involved as well as for the effects on the environment and plants. Modern society has come to depend on the safe and efficient functioning of a multitude of technological systems as diverse as industrial production, transportation, communication, supply of energy, information and materials, health and finance.

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