



Computational Intelligence and Human–Computer Interaction: Modern Methods and Applications, 2nd Edition

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Message from the Guest Editors

Computational intelligence (CI) is an evolving field that involves various nature-inspired computational paradigms and methodologies developed to solve complex real-world problems. As our lives become increasingly intelligent and digitalized, the use of different devices across a wide age spectrum is ever more prevalent. Human–computer interaction (HCI) plays a more and more important role in many fields, including mobile and ubiquitous computing, social media and collaborative technologies, etc.

This Special Issue focuses on current advances in computational intelligence supporting the interaction between humans and computers as well as the design and assessment of adapted HCI. New algorithms, paradigms, technologies, methodologies, and approaches applied to analyzing human characteristics and modeling interactions between human and computers are welcome, including voice and speech processing, face and expression recognition, medical image reconstruction, gesture and motion recognition, affective computing, computer-aided detection and diagnosis, computer-supported learning, brain–computer interface, adaptive systems, etc.





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Message from the Editor-in-Chief

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