

Special Issue

Human–Computer Interaction: Techniques, Algorithms and Real-World Impact

Message from the Guest Editor

With the development of ICT, human–computer interaction (HCI) has become indispensable in cyber–physical systems, digital twin, e-commerce, the media industry, manufacturing and healthcare systems, and is involved across an array of fields, as in computer science, engineering, design, psychology and sociology, etc. Systems are becoming both more complex and autonomous, this being driven by the use of artificial intelligence (AI) algorithms to improve the efficiency of user-centric operations and safety in human–machine collaboration. In this context, this Special Issue focuses on the empirical study and technical aspect of HCI between humans (the users) and computers (machine). We aim to provide a platform for researchers from both academia and industry to present their novel and unpublished work. The following keywords can be referred to for an insight into potential topics. Through this Special Issue, interdisciplinary dialogue is advocated with a view to facilitating HCI research in the real world.

Guest Editor

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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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