

Nature Reviews Computing

Nature Reviews Computing aims to cover the breadth and depth of computer science and its applications, balancing foundational and interdisciplinary work with more specialized content across the full spectrum of the field. The journal publishes rigorous, high-impact Review, Perspective and Comment articles to serve as timely anchors for the diverse communities within computer science and counteract the fragmentation of the field by providing reliable clarity on the current foundations of individual areas, bridging gaps between them, and opening doors to new lines of thinking across disciplines. In particular, beyond surveying individual fields, Nature Reviews Computing wants to showcase synergies across computer science and highlight its relevance for a wide range of other fields and translational applications. It also focuses on the intersections between computing and society, highlighting the role of computer science in mitigating inequality, addressing sustainable development goals, as well as opening a discussion around ethics, commercialization, and legal aspects related to the global role of computer science. Nature Reviews Computing should serve as an accessible, inclusive, long-term resource of high quality for researchers at all career stages that sets standards, stimulates dialogue, and offers a wide perspective for the future of the field. Topics covered in the journal include, but are not limited to:

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- Theory of computation and formal methods
- Computing paradigms
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- Distributed computing
- Mobile computing
- Data processing
- Cryptography
- Artificial intelligence foundations/machine learning theory
- Simulation and numerical methods
- Applied AI
- Cyber-physical systems
- Computer graphics
- Physics-informed computing
- Bioinformatics
- Software systems
- Security
- Industrial computing
- Ethics and computing
- Regulation and compliance in computing
- Human-computer interaction
- Computing for social good
- Accessible computing
- Commercialization
- Sustainable computing

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