

Special Issue

Game Theory for 6G Networks

Message from the Guest Editors

The transformative potential of 6G networks, characterized by unprecedented connectivity, intelligence, and service diversification, necessitates innovative solutions to address inherent complexities arising from ultra-dense deployments, dynamic spectrum management, massive MIMO systems, and the integration of emerging technologies such as THz communication and artificial intelligence. Game theory offers a powerful analytical framework for modeling and optimizing strategic interactions among diverse entities within these intricate 6G ecosystems.

We are pleased to announce this Special Issue dedicated to showcasing cutting-edge research that explores the application of game theory to the unique challenges and opportunities presented by 6G networks. We invite the submission of original contributions that delve into the theoretical underpinnings, algorithmic design, and practical implementations of game-theoretic solutions across a broad spectrum of 6G-related domains.

Guest Editors

Dr. Chee Keong Tan
Dr. Ying Loong Lee
Dr. David Chieng

Deadline for manuscript submissions

closed (31 December 2025)



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About the Journal

Message from the Editor-in-Chief

Algorithms are the core of computational mathematics and computer science. The whole area has been considered from different perspectives, which has led to the development of several sub-communities. The aim is to bring together researchers and practitioners from different areas of computational mathematics and computer science and to offer a platform for interdisciplinary applications in different areas of science and technology. In this way, *Algorithms* may become a forum for the exchange of new stimulating ideas between the different sub-communities working in the area of algorithms and their applications and the presentation of high-quality novel algorithmic approaches.

Editor-in-Chief

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