

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

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Dr. Ying Loong Lee

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About the Journal

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

Editor-in-Chief

Prof. Dr. Frank Werner

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