



Preface: Special Issue on Machine Vision and Image Processing

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We are honored to publish this special issue of AUT Journal of Machine Vision and Image Processing, dedicated to the latest developments in the field of Computer Vision and Artificial Intelligence.

Computer Vision, at the intersection of theory and application, plays a pivotal role in shaping the future of human life from industrial automation and robotics to aerospace applications to healthcare and energy systems.

The articles included in this special issue explore a variety of topics, ranging from classical theory to emerging paradigms and applications of intelligent methods. The authors explore novel applications, share insights into practical challenges, and propose innovative solutions that contribute to the ongoing evolution of Computer Vision and Artificial Intelligence.

We express our appreciation to the authors who have contributed their work to this special issue. We also extend our gratitude to the reviewers whose expertise and constructive feedback have been instrumental in ensuring the scholarly excellence of the accepted papers.

We hope that this special issue serves as a valuable resource for researchers, practitioners, and students alike. As the field continues to evolve, we look forward to witnessing the impact of these advancements on technology and society.

Thank you for joining us on this intellectual journey through the exciting world of Computer Vision and Artificial Intelligence.

Guest Editors
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