

# AI for Healthcare Using Modern Image and Video Technology Workshop

We are pleased to announce the hybrid workshop on **Vision Intelligence for Healthcare**. The integration of vision intelligence technologies into healthcare systems has the potential to revolutionise diagnostics, treatment, and patient care. The AIHIVT workshop aims to bring together researchers, practitioners and experts in computer vision, image processing and healthcare to explore the latest advancements and applications in vision intelligence within healthcare contexts.

The workshop is organised by the Department of Computer Science and Software Engineering in the School of Engineering, Computer, and Mathematical Sciences (ECMS) at Auckland University of Technology (AUT).

## CALL FOR PAPERS

The workshop welcomes submissions on a wide range of topics in vision intelligence applications for healthcare purposes, including but not limited to

- Medical image analysis and interpretation
- Computer-aided diagnosis
- Healthcare monitoring using vision technologies
- Augmented reality in healthcare
- Data privacy and security in healthcare imaging
- Machine learning and deep learning for healthcare applications
- Vision intelligence for telemedicine and remote patient monitoring
- Image and video-based healthcare applications

### GENERAL CHAIR

- Samaneh Madanian (AUT)
- Minh Nguyen (AUT)

### COMMITTEE MEMBERS

- Wei Qi Yan
- Parma Nand
- Kyle Wang
- Hamid GholamHosseini
- Mohammad Norouzifard
- Raymond Lutui
- Sally Britnell
- Olayinka Adeleye
- Jing Ma
- Xuejun Li
- Muhammad Usman
- Yanbin Liu
- Xiang Ma

## Paper Submission and Proceedings



All accepted papers will be published by Springer as publication of the proceedings of the 1st AI for Healthcare Using Modern Image and Video Technology Workshop (AIHIVT 2023) as Communications in Computer and Information Science (CCIS) proceedings.

**Date:** 25 - 27 June 2024

**Time:** 9:00 - 16:30

**Location:** AUT City Campus, Auckland

## WORKSHOP WEBPAGE



<b>Submission Deadline:</b>	15 April 2024
<b>Notification of Acceptance:</b>	25 April 2024
<b>Camera-Ready Submission:</b>	07 May 2024
<b>Early-bird Registration:</b>	15 May 2024

## FURTHER INFORMATION

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