

Workshop on Computer Vision and  
Machine Learning in Healthcare,  
CVMLH 2022

Hybrid Event, Chennai, India  
22<sup>nd</sup> April – 24<sup>th</sup> April 2022.

Organized by Advanced Computing Research Society

Proceedings

Edited by Lalit Garg and Geetha Ganesan



## Preface

### Editors of the Proceedings

1. Dr. Lalit Garg,  
Senior Lecturer, University of Malta,  
MSD 2080, Malta  
[lalit.garg@um.edu.mt](mailto:lalit.garg@um.edu.mt)
2. Dr. Geetha Ganesan  
President and CEO  
Advanced Computing Research Society  
Chennai, Tamilnadu, India  
[geetha@advancedcomputingresearchsociety.org](mailto:geetha@advancedcomputingresearchsociety.org)

On the birth centenary of Geoff Tootill, Advanced Computing Research Society organized Tootill 100 – 6th International Conference on Computing Sciences (ICCS 2022), was held on 22nd April 2022 to 24th April 2022. Workshop on Computer Vision and Machine Learning in Healthcare is a satellite event of ICCS 2022. The workshop was conducted in Hybrid Mode. Workshop was attended by 32 participants.

Workshop on Computer Vision and Machine Learning in Healthcare is a forum for presenting new advances and research results in this field. Computer Vision is a branch of artificial intelligence enabling computers to derive information from images, videos and other inputs. Machine learning has improved computer vision about recognition and tracking. These technologies efficiently support the healthcare industry to a greater extent.

Papers were solicited in the following areas of research Medical Imaging, Predictive Analytics, Computing Infrastructure for Healthcare, Mobile Healthcare, E – Health and Novel Algorithms in Computer Vision and Machine Learning.

We received fourteen papers and out of which seven papers were accepted and presented in the workshop. Initial screening was done using Turnitin Plagiarism software. The papers were evaluated on the basis of completeness, relevance to

the workshop, originality, novelty, technical quality, structure and presentation of the paper and adequate references to previous work. Every paper was reviewed by 2 reviewers and the review comments were shared with the authors for incorporating the suggestions and comments.

Researchers from India, Australia, Malta, United Kingdom, United States, Romania and Norway participated in this workshop.

We are thankful to the CEUR Workshop Proceedings (CEUR-WS.org) advisory and management team for providing valuable guidance and for publishing this workshop proceedings. We thank all the Committee members for their valuable inputs and time, for making this workshop very successful. We thank all the authors and presenters for disseminating their research outcomes through this workshop. We appreciate each and everyone involved to have made this workshop meaningful.

## **Program Committee**

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