

Workshop on Computer Vision and  
Machine Learning in Healthcare,  
CVMLH 2023

Hybrid Event, Chennai, India  
20<sup>th</sup> May – 21<sup>st</sup> May 2023.

Organized by Advanced Computing Research Society

Proceedings

Edited by

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## Preface

### Editors of the Proceedings

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On the birth centenary of Edgar Frank Codd, Advanced Computing Research Society organized CODD 100 – 7th International Conference on Computing Sciences (ICCS 2023), was held on 20th May 2023 and 21st May 2023. Workshop on Computer Vision and Machine Learning in Healthcare is a satellite event of ICCS 2023. 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 nine papers and out of which four 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, Peru, Romania and Iraq 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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