



# EAI AIHC 2013 - EAI International Conference on Artificial Intelligence in Health Care Applications

Zoom ID: 897 1011 6392    Passcode: 781672

## DAY 1

### Session 1

9.00 AM – 10.30 AM

A Comparative Analysis using various algorithm Approaches to Enhance Heart Disease Prognosis

Heart Disease Prediction Using GridSearchCV and Random Forest

Predictive Modelling for Heart Disease Diagnosis: A Comparative Study of Classifiers

A Deep Learning Framework for Prediction of Cardiopulmonary Arrest

A Review: Machine Learning and Data Mining Approaches for Cardiovascular Disease Diagnosis and Prediction

### Coffee Break

10.30 AM – 11.00 AM

### Session 2

11.00 AM – 1.00 PM

A predictive prototype for the identification of diseases relied on the symptoms described by patients

Extreme Learning Machine for Biomedical Image Classification: A Multi-Case Study

Safeguarding Patient Privacy: Exploring Data Protection in E-Health Laws: A Cross-Country Analysis

X-Ray Body Part Classification Using Custom Cnn

Enhancing Health Product traceability on the Blockchain: A Novel Approach for Supply Chain Management inspection to AI

### Lunch

1.00 PM – 2.00 PM

### Session 3

2.00 PM – 3.15 PM

A Comprehensive Study On Mental Illness through Speech And Eeg Using Artificial Intelligence

Anxiety Controlling Application using EEG Neurofeedback System

Prediction of the Epileptic Seizure through XGBoost techniques using EEG

Clinical Support System for Cardiovascular Disease Forecasting Using ECG

A Step towards Automated Haematology: DL Models for Blood Cell Detection and Classification

**Coffee Break**

3.15 PM – 3.30 PM

**Session 4**

3.30 PM – 5.00 PM

Invitro chronic wound healing using collagen and plant extract along with zinc nanoparticles

Machine Learning Based Assessment and Predictive Analysis of In-Vitro Fertilization Success Rate

A Multi-Model machine learning Approach for Monitoring Calories being burnt during Workouts using smart calorie tracer

Machine Learning-based Approach for Depression Detection

Comparative Analysis of Polycystic Ovary Syndrome Detection using Machine Learning Algorithms

## **DAY 2**

**Session 1**

9.30 AM – 11.00 AM

Application of Several Transfer Learning Approach for Early Classification of Lung Cancer

Clinical Application of Neural Network for Cancer Detection Application

Detection of Brain tumor based on Optimal Convolution Neural Network

Integrated Thresholding and Morphological Process with Histogram-based Method for Brain Tumor Analysis and MRI Tumor Detection

SAA: A novel skin lesion Shape Asymmetry Classification Analysis

Brain Tumor Detection using Multiple Deep Learning Models for MRI Images

**Coffee Break**

11.00 AM – 11.15 AM

**Session 2**

11.15 AM – 1.00 PM

Exploring the Potential of Deep Learning in the Classification and Early Detection of Parkinson's Disease

Exploring Deep Learning Models for Accurate Alzheimer's Disease Classification based on MRI Imaging

Gait Data-Driven Analysis Of Parkinson's Disease Using Machine Learning

Predictive Modelling for Parkinson's Disease Diagnosis using Biomedical Voice Measurements

Effective Cataract Identification System using Deep Convolution Neural Network  
Deep Learning Techniques for Identification of Different Malvaceae Plant Leaf Diseases

**Lunch**

1.00 PM – 2.00 PM

**Session 3**

2.00 PM – 3.15 PM

An LSTM based DNN Model for Neurological Disease Prediction Using Voice Characteristics

Cnn Based Face Emotion Recognition System For Healthcare Application

Glaucoma Detection Using Explainable Ai And Deep Learning

TinyCov-Net: A Robust and Computationally Faster Approach to COVID-19 Induced Pneumonia Diagnosis using Shallow Convolutional Neural Network

Convolutional Neural Networks in Malaria Diagnosis: A Study on Cell Image Classification

**Coffee Break**

3.15 PM – 3.30 PM

**Session 4**

3.30 PM – 5.00 PM

Deep Learning in Medical Imaging: A Case Study on Lung tissue Classification

From Pixels to Pathology: The Power of CNNs in Detecting Tuberculosis

Machine Learning based Exploratory Data Analysis (EDA) and Diagnosis of Chronic Kidney Disease (CKD)

Integrated Embedded system for detecting diabetes mellitus using various machine learning techniques

Modelling of Diabetic Cases for Effective Prevalence Classification

A Comprehensive Feature Engineering Approach for Breast Cancer Dataset