

ICRAIBTR-2023



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1ST INTERNATIONAL CONFERENCE ON

Role of AI in Bio-Medical Translations' Research for the Health Care Industry

September 22nd-23rd, 2023

Hybrid Conference



Organized by

G H Raisoni College of Engineering, Nagpur

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ICRAIBTR-2023

1st International Conference on Role of AI in Bio-Medical Translations' Research for the Health Care Industry (ICRAIBTR-2023), will be held during September 22nd-23rd, 2023 by Centre of Excellence (CoE) in Biomedical Engineering & Technology incubation Centre (BETIC-GHRCE) and CoE in Artificial Intelligence of G H Raisoni College of Engineering, Nagpur India.

The ICRAIBTR-23 aims to bring together the international community of researchers, academics & practitioners to discuss the latest advancements and future scope translational research in Biomedical Engineering & Artificial Intelligence domain. **"Manuscript is planned to publish in the proceedings with Springer in their Scopus indexed -Communications in Computer and Information Science series-CCIS (final approval pending)"**

TRACKS

Topics of interest includes:

- Analysis and processing of biomedical signals using machine learning techniques
- Artificial Intelligence in automated disease detection from biomedical images
- Computational Neuroscience
- Next generation Human-Machine Interfaces using Artificial Intelligence
- Identification of abnormalities from biomedical signals using deep learning methods
- Novel feature extraction techniques for biomedical images using deep learning methods
- Hand-held devices or mobile applications for patient health monitoring
- Artificial Intelligence based schemes in pathology labs for assisted diagnosis
- Data mining in quantitative biology and multi-omics
- Medical and Sensor Data analysis and transformation for AI-based modelling
- Medical Image Analysis and Radiomics – Integrating radiomics with multi-omics and AI
- Intelligent Data Processing and Predictive Algorithms
- Nanotechnology in drug delivery
- Brain-Machine Interfaces and its application
- Cognitive Systems and Applications
- Medical and Health Care Systems
- Medical Decision Making
- Data mining and big data analysis in biomedicine
- Intelligent computational medical imaging,
- Artificial intelligence for precision medicine and drug discovery
- Machine learning in bioinformatics
- Data driven digital healthcare
- Biomedical text mining
- AI solutions for ambient assisted living, telemedicine, and e-health.

IMPORTANT DATES

Student Member : INR 4500
Faculty Member : INR 5000
Industry : INR 6500
Author (other than India) : USD 100

- **Deadline for complete Paper Submission (Extended Deadline)** : 5th July 2023
- **Notification of Acceptance** : 24th August 2023
- **Final Paper/Camera Ready Submission** : 4th September 2023
- **Registration (Regular)** : 11th September 2023
- **Conference Date** : 22nd and 23rd September, 2023

To submit your paper go to: <https://cmt3.research.microsoft.com/ICRAIBTR2023>

Conference Website : ghrce.raisoni.net/icraibtr-2023

Email: icraibtr@raisoni.net

Contact : **Dr. Vibha Bora** 9764176473
Dr. Mangala Madankar 9156494042



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