



10th International Conference on Control,
Decision and Information Technologies

July 01- 04, 2024

Valletta, Malta

CALL FOR PAPERS - SPECIAL SESSION

“Emerging Trends of Deep Learning for Healthcare and Biomedical Data Analysis” for **CODIT 2024** July 01-04, 2024 ▪ Valletta, Malta

Session Co-Chairs:

Dr. Mechi Olfa, University of Lille, France (olfa.mechi@univ-lille.fr)

Dr. Hajer Walhazi, University of Sousse, Tunisia (hajerwalhazi@gmail.com)

Session description:

The area of medical artificial intelligence (AI) has expanded and advanced rapidly in recent years, and it is critical to highlight the useful applications and integration of AI research into actual medical settings. In fact, a promising area of healthcare is the practical uses of medical AI. They have the ability to progress medical research, expedite healthcare procedures, and enhance patient care.

This special session aims to bring deep learning (DL) application flavor in evaluation, clinical, new technical strategy and engage biomedical DL practitioners, to augment the research and development on the application aspects of medical AI, on top of pure technical research. Furthermore, the session aims at providing new optimization techniques in healthcare and biomedical data analysis in order to more efficient healthcare delivery.

The topics of interest include, but are not limited to:

- AI for medical imaging analysis and processing
- Drug discovery
- Electronic health records
- Natural language processing in healthcare and biomedical analysis
- Explainable AI in healthcare
- AI for Biomedical signal analysis and processing
- AI in pathology
- Behavioral of biomedical: emerging modalities
- Data label-efficient machine learning
- Surgical data science
- Visualization in Biomedical Imaging

SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **February 03, 2024**:

<http://controls.papercept.net/conferences/scripts/start.pl>. In PaperCept, click on the **CoDiT 2024 link “Submit a Contribution to CoDiT 2024”** and follow the steps.

IMPORTANT: All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).

DEADLINES

February 03, 2024: deadline for paper submission

April 14, 2024: notification of acceptance/reject

May 10, 2024: deadline for final paper and registration