KES INTERNATIONAL

INVITED SESSION SUMMARY

Title of Session:
Deep Learning in Medical Imaging and Multimodal Biomedical Data

Name, Title and Affiliation of Chair:
Ivan Macía Oliver, Director of Digital Health & Biomedical Technologies, VICOMTECH, Spain
Yen-Wei Chen, Professor of College of Information Sci. and Eng., Ritsumeikan University, Japan

Details of Session (including aim and scope):

Deep Learning is one of the key technologies of artificial intelligence and today plays an important role in numerous academic and industrial areas. Deep learning has become widely used in medical imaging applications, such as organ segmentation, tumour detection, computer-aided diagnosis and prognosis, disease classification and biomarker development, and surgical planning, among others. Beyond that, other complex data sources are being analyzed through deep learning, including genomics, clinical records and more increasingly multimodal data (e.g. combining medical imaging and clinical records or genomics and imaging). After some years of technological evolution, solutions are moving to the clinical practice, which often requires clinical validation. This invited session is intended for academic exchange of state-of-the-art results and new ideas in these research fields, with emphasis both on the technological solution and the clinical application. Both researchers and practitioners are welcome to submit their contributed papers.

Important Dates and Deadlines

Submission of Papers: 20 Feb 2024 (extended)
Notification of Acceptance: 1 March 2024
Upload of Publication Files: 11 March 2024

Submissions must be formatted according to the instructions which can be found on the Springer website .. here .. under "Instructions for Authors".
Papers must be submitted in PDF format for review purposes, but authors are required to upload editable word-processor files (LaTeX or MS Word) at the end of the review process.
The required paper length is 10 pages in publisher format. Papers longer than this may be subject to an additional charge. Short paper (4 pages) is also welcome.
Papers to be considered for the conference must be submitted in PDF form through the PROSE online submission and review system.

Please visit the conference web site (http://inmed-23.kesinternational.org/index.php) for detailed information about paper submission.

Main Contributing Researchers / Research Centres (tentative, if known at this stage):

Research Center of Advanced ICT for Medicine and Healthcare, Ritsumeikan University, Japan
Digital Health & Biomedical Technologies, Vicomtech Foundation, Spain

Website URL of Call for Papers (if any):

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