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Special Session on
Machine Learning for Biomedical Applications

Name and affiliation of organizers:

Wing-Kuen Ling
School of Information Engineering, Guangdong University of Technology.
yonganling@gdut.edu.cn

Prof. Wing-Kuen Ling received the BEng and Mphil. degrees in Electrical and Electronics Engineering, the Hong Kong University of Science and Technology, and the PhD degree from the Hong Kong Polytechnic University.

Wai-Lok Woo
Department of Computer and Information Sciences, Northumbria University Newcastle.
wailok.woo@northumbria.ac.uk

Prof. Wai Lok Woo received the BEng degree in Electrical and Electronics Engineering, MSc and the PhD degree from the Newcastle University, UK. He is the recipient of the IEE Prize and the British Commonwealth Scholarship.

Scope of the session

Machine learning is widely used in many engineering and science disciplines. Recently, the deep learning approach and the transfer learning approach are developed. The classification accuracies are significantly improved. On the other hand, as the health care becomes more and more important, many biomedical applications are recently developed. This special session mainly focuses on proposing new methods to further improve the performances of the learning systems as well as applying these new methods to biomedical applications.

Prospective authors are invited to submit original and unpublished work on the following research topics related to this Special Session:

- Deep learning
- Transfer learning
- Convolution neural network
- Long short-term memory network
- Random vector functional link
- Random forest
- Human signal recognition
- Medical imaging recognition