Workshop on Neural Engineering and Rehabilitation

You are cordially invited to join us in the Workshop on Neural Engineering and Rehabilitation. This exciting event will be held 5-6 June 2019 in Hong Kong University of Science and Technology.

Neural Engineering is an exciting inter-disciplinary technology that greatly influences neuroscience, information science, computation, and robotics. The development of novel device allows the acquisition of neural activity when the brain receives stimuli from the external world and further encodes them into high neural activity with high spatial and temporal resolution. The interpretation of the perception, action, and learning enhances tour understand how the information passes through different brain regions, and generate a decision in behavioral level. The application using neural engineering technology includes the neural interfacing, which is inspired by the rehabilitation needs to restore aspect cognitive functions for the disabled, such as memory loss and motor paralyze. This proposed workshop invites world-renowned keynote speakers and researchers from North America, Europe, and Asia, and aims to deliver the state-of-the art in neural engineering. It will promote interdisciplinary interactions among the fields of neuroscience, computation, and engineering, and lead to new international collaborations.

Please visit TBD to learn more. We look forward to your participation!

Sincerely,

Jose C. Principe & Yiwen Wang

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Workshop Chairs