

Hong Kong Physiotherapy Association 55th Anniversary Conference

Post Conference Workshop 1

7th Oct 2018 (Sunday) 09:00-16:30

Venue: GSBE Global Academy

Room 17E, King Palace Plaza, 55 King Yip Street, Kwun Tong, Kowloon

Workshop Title:

**Motor-Recovery for Stroke Patients by Electroencephalogram (EEG)
Triggered Neuromuscular Electrical Stimulation:
Introductory on EEG, P300 Signal Concept and latest advancement**

Speaker:

Dr. Christoph Guger (Ph.D, Austria)

CEO, GTEC Neurotechnology GmbH & GTEC Medical Engineering GmbH

Dr. Christoph Guger is the founder and CEO of GTEC medical engineering GmbH. He studied Biomedical Engineering at the Technical University of Graz, Austria and at the John Hopkins University in Baltimore, USA. During his studies, he concentrated on BCI systems and developed many of the early foundations for bio-signal acquisition and processing in real-time. GTEC produces and develops BCIs that help disabled people communicate or control their environments by their thoughts, regain motor functions after a stroke, and achieve other goals. The products and research activities have been widely presented in peer-reviewed research publications, demonstrating the high quality of GTEC's tools and methods. He is running several international BCI research projects.

Course Objectives:

- To appraise the use of EEG triggered neuromuscular electrical stimulation on motor recovery for stroke patients
- To provide hands-on practice regarding the use of EEG

Registration Fee
HKPA Member
Non-HKPA Member

Early Bird
HKD\$1,000
HKD\$1,500

On or after 13th August 2018
HKD\$1,200
HKD\$1,700

For registration details, please refer to: <http://www.hongkongpa.com.hk/News.html>



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