The First UAE Workshop on Clinical and Non-clinical Brain Computer Interfaces (WBCI2019)

You are cordially invited to participate in the first UAE Workshop on Clinical and Non-clinical Brain Computer Interfaces. This workshop is intended for people with no or limited experience with Brain-Computer Interfaces (BCIs). The workshop will teach participants the fundamental principles that are necessary to develop clinical or non-clinical applications with BCIs; introduction to brain measurement with EEG, structure of a BCI, brain features and intelligent interactive systems. In addition to the keynotes' talks, two hands-on exercises will allow the participants to 1) visualize their EEG signals and some relevant features, and 2) experiments with a simple BCI design will be conducted. This should give the participants sufficient knowledge to understand the advantages and limitations of current BCIs (based on neuroscience & neuro-engineering knowledge), and to develop their own innovative BCI applications.

Event Location: Auditorium (**E1-G020** Male side), United Arab Emirates University, College of information Technology (CIT).
Event Date: Wednesday (W), **November 27, 2019** from 9:00 to 17:00.

Moderated by: Dr. Abdelkader Nasreddine Belkacem, **Telephone:** 5581, **Email:** belkacem@uaeu.ac.ae

Keynote speakers:

- Dr. Tiago H. Falk, University of Quebec, Canada
- Prof. Masayuki Hirata (MD), Osaka University Hospital, Japan
- Prof. Yasuharu Koike, Tokyo Institute of Technology, Japan
- Mr. Gunther Krausz, CBO g.tec medical engineering GmbH, Austria

Workshop Program:

Times	Activity/Session
9:00 – 9:50 AM	Refreshments & Networking
9:50 – 10:00 AM	Welcome and Overview: *Welcome by Prof. Khaled Shuaib (Acting Dean, College of Information Technology).* *Session Chair*: *Dr. Belkacem*
10:00 – 11:00 AM	Plenary Speaker: *Dr. Tiago H. Falk* **Hybrid (Mobile) Brain-Machine Interfaces: Challenges and Opportunities for Real-World Applications.**
11:00 AM – 12:00 PM	Plenary Speaker: *Prof. Masayuki Hirata* **Implantable wireless brain machine interfaces; towards clinical trial**
12:00 – 1:00 PM	Plenary Speaker: *Prof. Yasuharu Koike* **Non-clinical brain computer interface applications**
1:00 – 2:00 PM	Networking Lunch
2:00 – 4:00 PM	Plenary Speaker: Mr. *Gunther Krausz* **Introduction to brain-computer interface methodology and latest applications of BCI technology + Real time BCI demonstration**
4:00 – 5:00 PM	Round Table (discussion)

We look forward to your participation to this very important event. As space is limited, your confirmation of attendance will be greatly appreciated.

Yours sincerely,