



Department of Biomedical Engineering  
Faculty of Engineering  
Mahidol University

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## Thailand Biomedical Engineering Seminar Series

**Topic : "How can EMG lead us to develop and create new medical innovations?"**



February 9, 2024 , from 4.30 PM – 7.30 PM

**Professor Jim Richards, Ph.D.**

Associate Dean for Research and Knowledge Exchange for the School of Health, Social Work and Sport at the University of Central Lancashire, United Kingdom.

4.30-6.00 PM

- The use of EMG in the assessment of muscular performance and endurance in clinical, medical and sport research.
- Surface EMG decomposition: A new tool for evaluating motor control.

6.15-7.30 PM

Ideas, Experience Sharing and Demonstration

- Data acquisition and analysis methods including the integration of EMG with other biomechanics tools, and the use of EMG to assess new medical innovations



**Location: Room 6373, , level 3, Building 3  
Faculty of Engineering, Mahidol University**



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[www.eg.mahidol.ac.th/dept/egbe](http://www.eg.mahidol.ac.th/dept/egbe)

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