

**Application form for a Society to join  
the Asian Pacific Association for Biomechanics (APAB)**

Date: Sep 16, 2015

- Country: Thailand
- Name of the Society: Mahidol University/Thai Society of Mechanical Engineering (Temp)  
(Web site) www.eg.mahidol.ac.th and www.tsme.org
- Representative person: Jackrit Suthakorn, Ph.D. (Dean of Mahidol Engineering)  
(E-mail) jackrit.sut@mahidol.ac.th

• **The history of the society**

Research and Academic on Biomechanics in Thailand has been developed scatteringly in several fields, such as, Orthopedics, Biomedical Engineering, Mechanical Engineering and Dentistry. However, Mahidol University is the leading medical oriented university in Thailand with 3 medical schools; Faculty of Medicine Siriraj Hospital (est. 1889), Faculty of Medicine Ramathibodi Hospital and Faculty of Tropical Medicine. Among these three medical schools, Siriraj and Ramathibodi are the largest and the 3<sup>rd</sup> largest medical schools in Thailand, respectively. Both medical schools have strong Departments of Orthopedics, and conduct strong research in Biomechanics. While the Faculty of Engineering at Mahidol University is also the host of Thailand's only Department of Biomedical Engineering (est. 1998) which is one of the leading engineering discipline in the country. The Department of Biomedical Engineering at Mahidol University is also strongly conducting research in Biomechanics, closely collaborate with both Siriraj's and Ramathibodi's Departments of Orthopedics.

Moreover, Thai Society of Mechanical Engineer (TSME) has established Biomechanics Cluster as one of the seven main tracks in 2012. The other important national section is Thailand Biomedical Engineering Consortium which more than 12 academic institutes and national research institutes from throughout Thailand are the consortium's members.

As I am (1) the Dean of Mahidol Engineering, (2) acting Chair of Department of Biomedical Engineering at Mahidol University, (3) Chair of Biomechanics Cluster in Thai Society of Mechanical Engineering (TSME), and (4) an Executive Committee for the Thailand Biomedical Engineering Consortium, I am able to be a main connecting point among Biomechanics researchers in Thailand. Therefore, I have been recommended to be the Representative from Thailand by Prof. Banchong Mahaisavariya to join the APAB meeting.

Base on the readiness, our plan is to push forward by gathering Thai Biomechanics researchers to establish the "Thai Biomechanics Society" shortly.

- **The membership of the society**

Members are including Thai Biomechanics Researchers from: Siriraj's Orthopedics (40 people), Ramathibodi's Orthopedics (15 people), Mahidol Biomedical Engineering (30 people), TSME (50 people), and Thailand Biomedical Engineering Consortium (30 people)

- **The benefits of association to APAB**

Thailand can be an important hub for APAB activities with the readiness of support facilities, research, academic and location. We are also a group of enthusiasm Biomechanics researchers. Moreover, our guidance, Prof. Banchong Mahaisavariya, has been closely and actively working with APAB for many years. He would really like to continually be a good support person to APAB activities.

- **Relationship to Biomechanics**

Research, Academics and Conference Activities to Support Biomechanics. Our conference organizing experiences in the past are such as: Int'l Symposium on Biomedical Engineering (ISBME) in 2004, 2006, 2008 and 2009 and Int'l Bone and Dental Technology Symposium (Bone Symposium) in 2007

Approved by



Date:

October 6, 2015