

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

Date: 2 August 2018

- Country: Indonesia
- Name of the Society: Indonesia Society of Biomechanics
(Web site) _____
- Representative person: Prof. Dr. Andi Isra Mahyuddin
(E-mail): aim@ftmd.itb.ac.id

• **The history of the society**

Indonesia Society of Biomechanics is newly established. But, many Biomechanics related research and development activities has been conducted at various institutions in Indonesia, including:

1. Institut Teknologi Bandung (ITB)
2. Universitas Indonesia (UI),
3. Universitas Pendidikan Indonesia (UPI),
4. Universitas Gadjah Mada (UGM),
5. Institut Teknologi Sepuluh November (ITS),
6. Universitas Padjajaran (UNPAD),
7. Universitas Andalas (UNAND),
8. Universitas Riau (UNRI),
9. Universitas Lampung (UNILA),
10. Universitas Parahyangan (UNPAR),
11. Institut Teknologi Nasional (ITENAS),
12. Badan Pengkajian dan Penerapan Teknologi (BPPT),
13. The Indonesian Medical Education and Research Institute (IMERI),
14. Rumah Sakit Olahraga Nasional (RSON),
15. as well as industry (DERMAMA and KINETIK MEDIKAL).

Several related activities during the last couple of years are: the Asian Conference on Experimental Mechanics 2017 (ACEM 2017) to be held in Bali, August 28 -31, 2017. The topics include:

H. Biomechanics and Its Applications

Session Developer: Andi Isra Mahyuddin (ITB) and Irza Sukmana (Univ. Lampung)

H.1. Musculoskeletal Biomechanics

- H.2. Gait and Posture
- H.3. Robotics and Prosthetics
- H.4. Injury and Rehabilitation Biomechanics
- H.5. Sports Biomechanics and Technology
- H.6. Experimental Technologies/Instrumentation
- H.7. Occupational Biomechanics-Ergonomics

The 11th International Conference on Fracture and Strength of Solids (FEOFS) 2018 to be held in Yogyakarta, August 26th – 29th 2018, the topics include:

Biomechanics

- Computational Biomechanics
- Experimental Biomechanics
- Injury and Rehabilitation
- Prosthetics

Collaborations among researchers have also been growing.

• **The membership of the society**

Membership of the Society will be geared to include all relevant Biomechanics researchers, and also to work closely with Biomedical engineering.

Among activities planned, will be annual workshop to share ideas and discuss possible dissemination through various International Conferences.

• **The benefits of association to APAB**

Although newly established, the Society encompass Indonesian researchers in Biomechanics. As the field is growing in Indonesia, the Society would serve as the link between APAB and Indonesian researchers and scholars as well as industry.

The association with APAB would provide support to further promote the field of Biomechanics in Indonesia. Furthermore, the members of the Indonesia Society of Biomechanics would benefit from the already established APAB network to explore possible collaborative activities with Biomechanics researcher within the region.

• **Relationship to Biomechanics**

The society membership is open to researchers, students and industry who are involved the research, education and application of Biomechanics.

Approved by  _____

Date: Oct. 10, 2019