CALL FOR PARTICIPATIONS
a Special International Symposium on

ENERGY ASPECTS OF TRIBOLOGY FOR SUSTAINABLE DEVELOPMENT

The 5th International Conference and Exhibition On Energy and Advanced Materials
16-19 October 2017, Melaka, Malaysia
http://iceseam2017.utem.edu.my

Symposium Technical Focus

Malaysian Tribology Society (MYTRIBOS) will organize a Special Symposium entitled "*Energy Aspects of Tribology for Sustainable Development*" within the 5th International Conference and Exhibition on Sustainable Energy and Advanced Materials (ICE-SEAM2017). ICE-SEAM2017 is organized by Universiti Teknikal Malaysia Melaka that will take place in Melaka from 16-19 October 2017.

The objective of this Symposium is for the tribologists, engineers and students from universities, research institutions and industries all around the world to present findings of their ongoing tribology-related research activities, and hence foster research collaborations between the universities and the industry.

It is well known that by reducing the coefficient of friction in vehicles and various types of machinery, substantial amounts of energy can be saved. This directly reducing the production of heat waste through friction losses, where the primary tribological energy gains. These savings are well established, relatively large in most cases, and comparatively easy to measure or estimate. However, the role of tribology in energy saving is actually more than this. By improving the performance of lubricants, lubricating systems, materials, surface topographies and coatings, we can also reach secondary tribological energy gains. These include keeping the efficiency of machinery from deteriorating, improved wear life and reduced downtime, new energy efficient designs of machine components and manufacturing processes. Therefore, energy aspects of tribology can be applied to improve human life in modern industry for sustainable development.

In particular, contributions on the important subjects in Energy Aspects of Tribology are invited, including, but not limited to:

- Bearing design and technology
- Biotribology
- Computer modelling and simulation in tribology
- Dry friction and wear
- Fuels and additives
- Green tribology
- Lubricants and lubrications
- Surface engineering and coatings
- Tribology in manufacturing
- Tribology in transportation
- Tribology of materials
- Tribology of renewable energy

Abstract Submission

For presentation, potential participants are required to **submit an abstract up to 200 words by 01 May 2017** via https://form.jotform.me/70178509688470

Abstract template: http://mytribos.org/doc_download/abstract_template_ICESEAM2017.docx

Publication

All presenters from this special symposium are welcome to submit their **optional full research papers with no additional cost** for publication consideration in one of our **Special Issues** of the following journals:
  (a) Jurnal Tribologi (JTrib) – **Indexed in ISI-WoS core collections.**
  (b) World Review of Science, Technology and Sustainable Development (WRSTSD) – **Indexed in Scopus Q1.**

The Guest Editor of the special issues is Assoc. Prof. Dr. Mohd Fadzli Bin Abdollah (Symposium Chair). The optional full paper submission guidelines will be emailed after the abstract acceptance.

Important Dates

Abstract submission deadline - **01 May 2017**
Notification of acceptance - **15 July 2017**
Early-bird registration deadline - **01 August 2017**
Normal registration deadline - **01 September 2017**
Optional full paper submission deadline - **31 October 2017**

Registration Fee

http://iceseam2017.utem.edu.my/index.php/registration-fees-2

Related Links

http://jurnaltribologi.mytribos.org
http://ip-science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=2289-7232
http://www.inderscience.com/jhome.php?jcode=wrstsd
http://www.scimagojr.com/journalsearch.php?q=5700165172&tip=sid&clean=0

Symposium Organizer

Malaysian Tribology Society

Contact Us

Assoc. Prof. Dr. Mohd Fadzli Bin Abdollah
Symposium Chair
E: mytribos.malaysia@gmail.com
W: www.mytribos.org