



## Editorial

Syahrullail Samion <sup>1\*</sup>, Mohd Fadzli Bin Abdollah <sup>2</sup>

<sup>1</sup> School of Mechanical Engineering, Faculty of Engineering, Universiti Teknologi Malaysia, 81310 UTM, Skudai, Johor, MALAYSIA.

<sup>1</sup> Fakulti Kejuruteraan Mekanikal, Universiti Teknikal Malaysia Melaka, Hang Tuah Jaya, 76100, Durian Tunggal, Melaka, MALAYSIA.

\*Corresponding author: syahruls@mail.fkm.utm.my

Jurnal Tribologi (JTrib) is published by the Malaysian Society of Tribology (MYTRIBOS). This journal is open access to a peer-reviewed international journal, committed to the rapid publishing of high-quality papers on important topics in both tribology and emerging fields closely related to friction, wear and lubrication.

The journal was first introduced in June 2014 and regularly published online four volumes a year (March, June, September, December). Starting in 2015 (Volume 4), the journal has been indexed by Clarivate Analytics under the Web of Science Core Collection: Emerging Source Citation Index. All materials in JTrib have been indexed to the Scopus database since Volume 20 (March 2019). The new SCImago Journal Rank (SJR) for Jurnal Tribologi in 2020 is 0.132 (Q4).

JTrib aims to publish full research papers of original, important and highest scientific standards, providing a forum for researchers, engineers, academics and industry professionals from all over the world to present their research findings and development activities in established areas of tribology and emerging fields. The journal features a mix of experimental, numerical, and theoretical articles dealing with all aspects of the field, including, but not limited to:

- Bearing Design and Technology
- Bio- and Eco-tribology
- Biomimetics in Tribology
- Condition Monitoring in Tribo-systems
- Contact Mechanics
- Lubricants, Lubrication and Additives
- Nano- and Micro-tribology
- Tribo-chemistry and Tribo-corrosion
- Tribology in Machine Elements
- Tribology in Manufacturing
- Tribology in Transportation
- Tribology of Materials
- Tribo-surfaces
- Surface Engineering and Coatings

As Chief Editors, we would like to extend our gratitude to all the contributors who have made important contributions to the overall quality of this 29<sup>th</sup> volume of JTrib. All articles are original research works oriented towards the possibility of implementation in many circumstances.

**EDITORS-IN-CHIEF**

**Syahrullail Samion**

Universiti Teknologi Malaysia, MALAYSIA

**Mohd Fadzli Bin Abdollah**

Universiti Teknikal Malaysia Melaka, MALAYSIA

**INTERNATIONAL ADVISORY EDITORIAL BOARD**

**Masjuki Hassan**

International Islamic University Malaysia,  
MALAYSIA

**Koji Kato**

Nihon University, JAPAN

**Michel Fillon**

Université de Poitiers, FRANCE

**Salmiah Kasolang**

Universiti Teknologi MARA, MALAYSIA

**Jaharah A. Ghani**

The National University of Malaysia,  
MALAYSIA

**Ibrahim Sevim**

Karamanoğlu Mehmetbey University,  
TURKEY

**Kanao Fukuda**

Malaysia-Japan International Institute of  
Technology, MALAYSIA  
Kyushu University, JAPAN

**Nakamura Yuzo**

Kagoshima University, JAPAN

**Mariyam Jameelah Ghazali**

The National University of Malaysia,  
MALAYSIA

**Kamitani Shunpei**

Kagoshima University, JAPAN

**Nicholas Morris**

Loughborough University, UNITED  
KINGDOM

**Willian da Silva Labiapari**

Aperam South America, BRAZIL

**William Chong Woei Fong**

Universiti Teknologi Malaysia,  
MALAYSIA

**Mimi Azlina Abu Bakar**

Universiti Teknologi MARA, MALAYSIA