



## Editorial

Mohd Fadzli Bin Abdollah <sup>1</sup>, Linmao Qian <sup>2</sup>, Syahrullail Samion <sup>3</sup>

<sup>1</sup> Faculty of Mechanical Technology and Engineering, Universiti Teknikal Malaysia Melaka, Hang Tuah Jaya, 76100, Durian Tunggal, Melaka, MALAYSIA.

<sup>2</sup> School of Mechanical Engineering, Southwest Jiaotong University, No. 111, North Section 1, Second Ring Road, Chengdu, Sichuan, 610031 CHINA.

<sup>3</sup> Faculty of Mechanical Engineering, Universiti Teknologi Malaysia, 81310 UTM, Skudai, Johor, MALAYSIA.

\*Corresponding author: mohdfadzli@utem.edu.my

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

The journal was launched in June 2014 and is now published four times a year online (March, June, September, December). Clarivate Analytics began indexing the journal in the Web of Science Core Collection: Emerging Source Citation Index in 2015 (Volume 4). Since Volume 20, all JTrib metadata have been indexed in the Scopus database (March 2019). JTrib's SCImago Journal Rank (SJR) and JCR impact factor are 0.284 (Q3-2024) and 1.4 (Q3-2024), respectively.

JTrib aims to publish full research papers of original, significant, and highest scientific standards, providing a forum for researchers, engineers, academics, and industry professionals from around the world to present their research findings and development activities in established and emerging areas of tribology. The journal contains a mix of experimental, numerical, and theoretical articles on all aspects of tribology.

Volume 49 features fifteen articles comprising a combination of simulation-based and experimental research works. It is anticipated that the findings presented in this volume will provide valuable insights and serve as a useful reference for researchers and practitioners worldwide.

As Chief Editors, we would like to express our sincere appreciation to all authors, reviewers, and contributors whose efforts have significantly enhanced the quality and impact of this 49<sup>th</sup> volume. All published articles represent original research with the objective of advancing tribological knowledge and offering practical relevance across a broad range of applications.

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