

# Preface

The 2023 11th International Symposium on Applied Engineering and Sciences (SAES 2023) was held successfully at the Universiti Putra Malaysia (UPM) from 20th–21st November 2023, hosted by UPM. SAES has provided a unique platform for researchers, students, scientists, and engineers to share their knowledge and latest research since 2013. After three years of virtual meetings (SAES2020, 2021, and 2022) due to the pandemic, SAES2023 was held physically and provided various opportunities to expand the international academic network and enhance academic collaborations.

We are pleased to introduce this special edition of the PERTANIKA Journal of the 11th International Symposium on Applied Engineering and Sciences (SAES2023), focusing on the intersection of applied engineering and sciences.

The five articles in this edition represent diverse research, insights, and practices from scholars. They investigate topics such as the design of a stimuli-responsive surface, numerical analysis of the load-carrying capacity, sharing electricity using photovoltaic panels and storage batteries, ceiling-hanging panels and their impact, and dynamic hand gesture recognition. As editors, we believe this collection will contribute significantly to engineering and science.

We sincerely thank the authors for contributing their expertise and perspective to this special edition. We also thank the reviewers and editorial team members, Dr. Yoshito Ando and Dr. Kentaro Kitamura, who have dedicated their time to ensuring the quality and relevance of the published works. We hope that you will find this useful for your research.

Warm regards.

## **Guest Editors**

Tohru Kamiya (Prof. Dr.)

Kentaro Kitamura (Prof. Dr.)

Yoshito Ando (Prof. Dr.)

