

## Foreword

The HKIE Outstanding Paper Award for Young Engineers/Researchers, first launched in 2006, is a distinguished international paper award organised annually by The Hong Kong Institution of Engineers. The Award aims to encourage young engineers and researchers aged 35 or below from around the world to publish their innovative research works and promote their professional development. For 19 consecutive years, the Award has served as a platform for recognising remarkable achievements and promoting the engineering profession among the younger generations.

In 2024, a remarkable number of high-quality submissions were received from talented individuals worldwide. Following a rigorous selection process, three exceptional papers were selected as recipients of awards, along with three shortlisted papers that all showcased outstanding research and engineering prowess. The awarded papers, as well as the shortlisted papers, were published in this Award Issue. I extend our sincerest congratulations to the awardees and those who have been shortlisted.

On behalf of the Institution, I wish to convey our appreciation to the Panel of Judges for their invaluable contributions to the Award, and to all the participants for their involvement.

Looking ahead, I am excited to announce that the HKIE Outstanding Paper Award for Young Engineers/Researchers will continued to be held in 2025. For more information about the Award, please visit [www.hkie.org.hk/pa/paper\\_award2025](http://www.hkie.org.hk/pa/paper_award2025). I look forward to continued success for the 2025 Award.

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cum Editor-in-Chief*