



Hong Kong Electronics Project Competition 2026 (HKEPC 2026)

Mastering Artificial Intelligence in the Sustainable Development of Smart Cities



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Introduction

The Hong Kong Electronics Project Competition 2026 (HKEPC2026) is organized by the Electronics Division of HKIE.

Preliminary round: Deadline for abstract submission : 9 February 2026 (Monday)

Final round: Announcement of shortlisted candidates: 23 Feb 2026 (Monday)

 Deadline for paper and 5-mins video submission: 30 March 2026 (Monday)

Shortlisted candidates will be required to present and conduct a demo of their system / product on 18 April 2026, and those that could get into the final round will have the award presentation ceremony in the Hong Kong Electronics Symposium 2026 (HKES2026), an annual flagship event organized by the Electronics Division of HKIE, which will take place on 11 May 2026 in Hong Kong.



Steering Committee Members of HKEPC2026

Ir Alice Chow [President, HKIE]

Ir Prof. Alan Lam, JP [Department of Electrical Engineering, City University of Hong Kong]

Ir Victor Ng [Honorary Chairman, HKETA]

Mr. Simon Wong [Chief Executive Officer, LSCM]

Ir Dr. Wilton Fok [Advisor/Past Chairman, HKIE END]

Ir Prof. KF Tsang [Past Chairman, HKIE END]

Ir Wilson Kwok [Past Chairman, HKIE END]

Ir Dr. John Chan [Past Chairman, HKIE END]

Ir CK Lee [Past Chairman, HKIE END]

Ir LH Tse [Immediate Past Chairman, HKIE END]



Objective of HKEPC2026

To uplift the awareness and knowledge of innovative technologies in Hong Kong and to nurture engineers and students to effectively use and apply innovative technologies (such as IoT, AI, Robotic, etc.) to improve the quality of life



Category of Competition

Category :

- Tertiary Education – students / professors from tertiary education institutions
- Industry – SMEs and large companies



Key Dates

Application and Abstract Submission

Extended to 16 February 2026, 23:59 (Monday)

Announcement of shortlisted candidates

Changed to 2 March 2026 (Monday)

Paper and 5-mins Video Submission

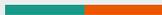
30 March 2026, 23:59 (Monday)

Presentation and Demo

18 April 2026 (Saturday)

Award Presentation

11 May 2026 at Hong Kong Electronics Symposium (HKES 2026)



Prize



Prize

Tertiary Education Category	Industry Category
Champion – Trophy & HK6,000	Champion – Grand Trophy
First runner up – Trophy & HK4,000	First runner up – Grand Trophy
Second runner up – Trophy & HK\$2,000	Second runner up – Grand Trophy
Smart Technology Application % – Trophy & HK\$2,000	Merits
Merits	
Special Awards for IDex (IEEE 2668)	Special Awards for IDex (IEEE 2668)
AI Application Excellence Award	AI Application Excellence Award

- *All the above individuals will also receive a recognition certificate*
- *% for Sub-Degree Level*



Awards for IDex (IEEE 2668)

The IEEE 2668 IoT Maturity Index (IDex) was introduced to assure the quality of performance of smart IoT sensors.

IDex is the global standard providing a fair and consistent performance score that accounts for the performance in IoT cyber security, privacy, and reliability, for evaluation and comparison of all IoT-related issues embracing all domains such as safety, communication, healthcare, robotics, manufacturing, retail, logistics, smart energy, smart grids, fisheries, farming and others. The higher the Maturity Index, the higher the IoT performance. IDex contributes to all aspects of smart city development.

The core design of IDex consists of a wireless transducer interface module and network capable application processor, which aims at developing more efficient and secure solutions.



AI Application Excellence Award

The AI Application Excellence Award aims to inspire engineers and students to harness the power of artificial intelligence in innovative ways that enhance the quality of life. This award recognizes exceptional AI applications that integrate seamlessly with any technologies to address real-world challenges and improve everyday experiences.

As part of the broader initiative to uplift awareness and knowledge of cutting-edge technologies, this award encourages participants to explore how AI can solve practical problems in various sectors, including but not limited to healthcare, smart cities, logistics, and beyond. By promoting creativity and critical thinking, the award seeks to cultivate a new generation of tech-savvy innovators who can effectively leverage AI to drive progress.



Assessment Criteria

Assessment

- Nomination for IDEX
- Nomination for AI

Tertiary Education Category	Weighting Factor %	Industry Category	Weighting Factor %
A. Originality		A. Originality	
B. Future / Further Development Potential		B. Future / Further Development Potential	
C. Research Methodology / Science & Technology Knowledge		C. Research Methodology / Science & Technology Knowledge	
D. Technology Application		D. Technology Application	
E. Quality of Paper Submission & Demo		E. Quality of Paper Submission & Demo	



Website / Enquiry

For application form and paper format template, please refer to:

Website - <http://en.hkie.org.hk>

For enquiries:

Email: enhkiereg@gmail.com OR

veronica@jetahk.com

Tel: 9233 6230 (*Ms Veronica Cheng*)



FAQ

Q1. Do I need to form a group and what is the maximum number of group member ?

A1. There is a limit of 4 to the number of group member. However, if number of contestant per group is more than one, contestants are required to mention the contribution of each group member through the application form. The team leader of each group should provide the contact point to HKEPC2026 for communication.

Q2. Do I need to proof my identity ?

A2. For Tertiary Category, contestant is required to attach copy of their Student I.D. card to identify their role whereas contestant from Industry Category should have company chop signed on their application.



FAQ

Q3. Do I need an advisor from our university / tertiary education?

A3. Contestant should declare if they have any project supervisor/co-supervisor for their competition project.

Q4. Are there some requirements for the theme we choose ?

A4. Contestant project should be in line with the Theme “Mastering Artificial Intelligence in the Sustainable Development of Smart Cities” and the Assessment Criteria.

For details of the Assessment Criteria, please refer to the information package.



FAQ

Q5. What is the number of pages of paper submission in English?

A5. Contestants in the tertiary education category may submit a maximum of 4 pages, while those in the industry category may submit up to 8 pages.

Q6. What is the format of 5-minute video presentation?

A6. Submit a 5-minute video presentation accompanied by a maximum of 5 PowerPoint slides. In your presentation, highlight the strengths and potential of your project. (Language: English/Cantonese/ Putonghua)



Thank You