

3rd CAFEA Young Talent Smart City Forum (14-15 July 2023, Cyberport)

Guidelines for Application of Submission for Secondary School Students

Please read these Guidelines for Application before filling in the Application Form for Submission.

A. OVERVIEW

Smart city development is part of the digital transformation, leading to a data-driven, digitalized, and AI-supported society. A smart city covers a wide range of technologies such as individual wearables, smart appliances, smart homes/buildings, smart campus, and smart communities. The transformation relies on innovations and engagement from everyone in society, where students are the future owners who play a crucial role in shaping a smart city.

Organiser: CAFEA Smart City Limited headquartered in Cyberport

Co-organiser (Hong Kong): Cyberport, Hong Kong

Co-organiser (Macau): Macao Base for Primary & Secondary STEM Education, the University of Macau

Co-Organiser (Shenzhen) Shenzhen Association for Science and Technology

Local Organiser (Macau) Centre for Science and Engineering Promotion, University of Macau

Local Organiser (Shenzhen) Shenzhen Science and Technology Exchange Service Centre

Supporting Organizations: Education Bureau, Office of the Government Chief Information Officer, and the Electrical and Mechanical Services Department, the Government of the HKSAR; China Science Technology Communication Centre

B. FORUM DETAILS

I. Eligibility and Method of Submission

The Forum opens to current secondary school students in Hong Kong, Macau, the Greater Bay Area, and the region. Application for submission must be made via school whereas each school can submit up to eight applications preferably in different theme areas as set out in Part II below. Overseas participants should arrange their own traveling, visa & insurance, transportation, and local accommodation.

For applications from Macau, please submit through the Forum Co-organiser (Macau) – Centre for Science and Engineering Promotion, The University of Macau at <https://umstem.um.edu.mo/>

II. Theme of Submission

a. Smart campus

Students can choose from any one of the following areas within the smart campus theme according to their interests and decide the title of their submissions:

- ✓ Smart campus vision and functionalities
- ✓ Smart campus – what does it mean for students
- ✓ Smart sensor technologies for smart campus

- ✓ Smart devices for smart campus
 - ✓ AI and data analytics for smart campus
 - ✓ Smart APPs for smart campus
 - ✓ ICT and next generation telecommunication technologies for smart campus
 - ✓ How smart technologies can enhance students' learning experiences in the context of any STEM or non-STEM subjects
- b. Smart city
 Submissions on other topics in a smart city are also welcome. This may include but is not limited to, the concept, design, planning, and development of social and technological implications of a smart city, such as smart living, smart health, green transportation, ESG, and sustainability.

III. Two Categories of Submission

- a. Academic article
 This category refers to academic papers describing the scientific discovery, social environmental impact, economic considerations, and innovative work or ideas from students' perspectives. Students can write up their understanding of the smart campus / smart city, technical insights, vision and future perspectives, opportunities, and challenges of the smart campus/smart city. Accepted academic articles will be presented at the Forum followed by a Q&A adopting the format of academic conference presentation and Q&A sessions.
- b. Investigative project demonstration
 This category refers to a summary of school students' project work (e.g. an app, a smart device, a smart system, etc.) which can be demonstrated at the Forum. The investigative project demonstration summary submitted should outline the working project with key information, functionality, and innovation involved, together with visual demonstration such as photos of the device/system as supporting documents at application submission. Accepted investigative project demonstration submissions will be presented/demonstrated at the Forum followed by Q&A whereas their device/system will be displayed at the Forum.

IV. Assessment Criteria

The in-principle assessment criteria are based on quality and relevance. The submissions' objective, methodologies, innovation & technology element, novelty, presentation, associated entrepreneurship, social benefit, and promotion of school learning objectives towards innovative thinking in a Smart Campus / Smart City context will be considered.

V. Forum Awards

- a. Submissions will be first reviewed by the Forum Proceedings editorial team. Shortlisted school applicants will receive comments from the Editorial Team before final submission.
- b. All accepted final submissions will be presented at the Forum and will be published in the Forum Proceedings.
- c. Best Academic Article Award and Most Innovative Project Award
 The Technical Panel of the Forum made up of university professors, representatives from the Education Bureau, the Office of the Government Chief Information Officer, Forum organizer,

co-organizers, technical support organizations, and Forum sponsors will select the Best Academic Article Award and the Most Innovative Project Award at HK\$10,000 cash award each plus a trophy among the accepted final submissions. The in-principle assessment criteria used in shortlisting the applications will remain the same as in the award selection assessment but with a reduced weighting to 70%, whereas on-the-spot assessment at the Forum will be considered in relevance to presentation/demonstration and Q&A sessions at the weighting of 30%.

d. Outstanding Awards

Four outstanding awards will be awarded for submissions of outstanding contributions in one or more of the following aspects: novelty, social impact, technological advances, innovative ideas, quality of presentations/demonstrations, and other aspects deemed as important for smart campus/smart city development.

e. Certificate of Recognition & Certificate of Appreciation

All accepted applicants will be awarded a Certificate of Recognition at the Forum Award Ceremony, and the rest submission applicants will be awarded a Certificate of Appreciation.

VI. Forum Proceedings

Accepted submissions will be published in the Forum Proceedings which will be made available around mid-July 2023 for free download from the Forum Secretariat website.

(Remarks: Forum Proceedings of last year's Forum can be requested online at www.cafea.hk)

VII. Application Fees

Application fees of the amount of HKD600 per submission including the 2-day Forum pass for the group members (max 4 students per group) are non-refundable and payable at the time of completing the online submission. The application fees include 2 extra complimentary Forum Pass for the respective group teachers.

VIII. Forum Registration

- a. Applicants with submissions being accepted will be notified by the Forum Secretariat via email around mid-May 2023. Confirming registration for participating and presenting at the Forum via email by 31 May 2023.
- b. The rest applicants will be invited by the Forum Secretariat via email to confirm their attendance to the 2-day Forum around early June 2023.

IX. Important Dates

3rd CAFEA Young Talent Smart City Forum 14-15 July 2023

February 2023	Call for submission
Fri 5 May 2023	Deadline for application for submission
Mid-May 2023	Notification of acceptance of submissions entering the Forum
By 31 May 2023	Forum registration for students/teachers with accepted submissions
June 2023	Forum registration for other students/teachers with submissions
14 Jul – 15 Jul 2023	The 3 rd CAFEA Yong Talent Smart City Forum

X. Tentative Forum Program (14-15 July 2023, Cyberport, Hong Kong)

Day One – Friday 14 July 2023 (8:30am-5:00pm)	Day Two – Saturday 15 July 2023 (9:00am-1:00pm)
<ul style="list-style-type: none"> ▪ Registration ▪ Opening ▪ Parallel sessions of student presentations and demonstrations ▪ Seminar and information sharing 	<ul style="list-style-type: none"> ▪ Panel sessions with guest speakers from industries and government departments ▪ Remarks by the Technical Chair ▪ Announcement of Award recipients ▪ Award / Certificate Presentation & Group photos

For reference: Refer to the Program of 2nd CAFEA Young Talent Smart City Forum from www.cafea.hk

C. APPLICATION FOR SUBMISSION

1) *Guidelines for Application, Application for Submission Form, Checklist for Submission, and Template for Submission of Article/Project* can be downloaded from www.cafea.hk or by scanning the QR code below

2) How to submit?

Step 1 - To fill in the Forum online application at www.cafea.hk and click the “Submission button” to complete the online submission part;

Step 2 - To email your completed application form with a full set of documents listed in the *Checklist for Submission* to forumssubmit@cafea.hk to complete the whole application for the submission process.

3) Deadline for application of submission is Friday 5 May 2023. Late applications will not be accepted.

D. ENQUIRY

Please visit the Forum website at <https://cafea.hk> or scan the QR code for the latest Forum information and announcement.

For enquiry on the application for submission, please email to the Forum Secretariat at forum@cafea.hk or by phone at 3618 6145.



Web: cafea.hk

Enquiry: forum@cafea.hk

Submission: forumssubmit@cafea.hk