

Young Professionals Exhibition & Competition 2020 (YPEC 2020)

Organised by Younger Members Section
The Institution of Engineering and Technology Hong Kong (IET Hong Kong)

Information Sheet for Postgraduate Section

1. BACKGROUND

Young Professionals Exhibition & Competition (YPEC) is an annual event organised by the Younger Members Section of IET Hong Kong*. The YPEC acts as a dynamic platform for prospective or young engineers from five different segments (secondary school, sub-degree, undergraduate, postgraduate and open) to exhibit their engineering projects with presentations and booths.

YPEC aims at

- enhancing contestants' understanding of and interest in engineering;
- encouraging contestants to apply their technical knowledge and show their talent by delivering their innovative ideas in a professional manner;
- creating a supportive environment to develop contestants' presentation and social skills; and
- providing a platform for young professionals to exchange ideas with professors and students from tertiary education institutions, as well as professional engineers.

Whilst competing for the prizes, participants would also have the opportunity to extend their social networks and appreciate innovative ideas from various engineering perspectives. Welcoming any engineering projects, the YPEC does not pose any restrictions on topic, disciplines or subjects, though an event theme would be set each year as a possible source of inspiration.

* *The Institution of Engineering and Technology (IET) was formed by the Institution of Electrical Engineers (IEE) and the Institution of Incorporated Engineers (IIE) in 2006 and now has more than 168,000 members worldwide. It is the largest professional engineering society in Europe and the second largest in the world.*

2. DETAILS OF YPEC 2020

Date: 4th October 2020 (Sunday)
Time: 9:00am – 6:00pm
Venue: The Hong Kong University of Science and Technology (HKUST)

Theme

Engineering is the creative application of science, design and mathematics, containing a wide spectrum of fields. Choosing “**PIENGINEER**” as its theme, the YPEC 2020 aims at inspiring our young professionals to become a “Pioneer” and “Engineer” in different aspects and unleash their innovative ideas. From contemporary inventions to applications, innovative engineering ideas could not be ignited and implemented without venture. We hope our participants to enjoy the amusement of engineering exploration, to feel the excitement of presentation and to embrace the enthusiasm of exhibitions. We believe that the power of venture will leverage the development of society and energise our future.

Project Scope

The YPEC welcomes participants to break the ceiling and apply their knowledge and creativity across engineering disciplines or subjects. The project should cover technical and engineering aspects which the IET concerns. Examples include but are not limited to the following:

- Aerospace Engineering
- Informatics and Control Technologies
- Electronics and Communications
- Engineering Management
- Manufacturing and Industrial Engineering
- Power and Energy
- Railway and Transport

Eligibility

Any current Postgraduate student aged 18-30 (or becoming 18 years old on or before 4th October 2020) studying in tertiary institutions in Hong Kong or Macau is eligible to join the Postgraduate section. IET membership is **NOT** a prerequisite for application. Any projects submitted or to be submitted as subject coursework, including thesis, are eligible to YPEC 2020.

3. DELIVERABLES

Each team has to submit:

i) Project Abstract

- Each team has to submit a project abstract of **no more than 200 words in English** in Microsoft Word format, which elaborates the team's idea and the work. The abstract shall be one of the items assessed by judges.
- Each Team can resubmit the abstract on or before the resubmission due date stated in Section 6 of this Information Sheet, to submission@ietypec.org by email, clearly stating their **team number** and the **name of affiliation**.
- Appendix is welcomed as a form of supporting materials, but the relevant content shall be clearly identified and cross referenced to the main elements claimed in the abstract itself. Contents in the Appendix shall NOT be directly assessed but as a reference by judges.
- The submitted abstract **must** be formatted according to our standard template, which is available on YPEC website at www.ietypec.org/downloads/.
- Accepted abstract will be posted on event materials, internet and provided to the judges and public. The organising committee of the YPEC 2020 reserves the right of reformatting the project abstract to suit the printing standards.

ii) Presentation

Each team will have **10 minutes for Presentation** and **5 minutes for Question & Answer** to introduce their product and explain their ideas on the Event Day (4th October 2020). The presentation must be conducted in **English**. Students should use **multi-media presentation aids** for the presentation (e.g. PowerPoint, website, Flash movie etc.).

The presentation materials are suggested to contain: *(no restriction except for the Front-Page content)*

- Front page must include names of team members, the school name and project title
- Content page
- Introduction and Background
- Main body of presentation
- Conclusion

The following equipment will be provided in the presentation room:

- A microphone system
- A desktop computer and projector
- A laser pointer

All teams shall submit their presentation materials to submission@ietypec.org by email, clearly stating their **team number** and the **name of affiliation**, on or before the due date advised in Section 6 and bring along the presentation file in a USB Drive on the event day. The team could also consider using their own devices and material to present on the event day, yet connection accessories may not be provided. The organiser shall not be responsible for any connection problem, device incompatibility or any other situation happened due to the usage of contestants' devices.

iii) Exhibition Booths / Posters

Each team can choose **EITHER** to set up an exhibition booth, or post a poster on the YPEC Event Day (4th October 2020), for explaining and demonstrating their ideas and compete for My Favourite Booth Award or My Favourite Poster Award.

Exhibition Booth

- Each team would be provided with the following materials for their booth on the event day:
 - One display board (white in colour)
 - One table and one chair
 - AC Power sockets and additional setups may be provided upon prior request by email
 - If the exhibit covers more than 1sq meter, please contact us for special arrangements as early as possible

(Provision of the abovementioned material shall be subject to the final arrangement of the event)

- IET Hong Kong will not sponsor any material expenses for the presentation and exhibition, and will not be responsible for any damages to the venue and facilities caused by individuals.
- The booth photos will be posted on the YPEC official Facebook page on the event day. The team with most accumulated 'Shares' and 'Like' (Other reactions inclusive) will become the winner of My Favourite Booth Award.

OR

Poster

- Each team can submit one poster to explicate their project. Those teams should submit their poster designs before poster submission deadline advised in Section 6 to submission@ietypec.org. The poster should be designed based on the standard template on YPEC website at <https://www.ietypec.org/downloads/>. The Poster should be in **English**. Size of the poster should be A0.

- The posters will be posted on the YPEC official Facebook page on the event day. The team with most accumulated 'Shares' and 'Like' (Other reactions inclusive) will become the winner of My Favourite Poster Award.

Apart from the abovementioned compulsory submissions, you are recommended to deliver the following items to compete for the relevant awards.

iv) Product (Optional)

The product can be a model, prototype, photos or videos that demonstrates the project idea. The product can be demonstrated in the presentation session or at the exhibition booth, if applicable.

v) 2-minute Pitching (Optional)

Each team can submit a 2-minute Pitching Video to briefly explain their ideas and compete for My Favourite Pitching Award.

- The Pitching Video should not be more than 2 minutes and should be presented in **English**. The video size shall not exceed 25MB.
- The Pitching Video should briefly introduce the idea and focus on the application as well as the benefits to the society.
- Those teams who would like to compete for the award should submit their video before the video submission deadline advised in Section 6 to submission@ietypec.org or by WhatsApp at +852 9377 8240, clearly stating their **team number** and the **name of affiliation**.
- The video will be posted on the YPEC official Facebook page once received, starting from the opening of registration. The team with most accumulated 'Shares' and 'Like' (Other reactions inclusive) will become the winner of My Favourite Pitching Award.

4. JUDGING CRITERIA

The judging panel will consist of two to four judges, coming from academia and the engineering industry. It will assess the presentations to decide on the champion, 1st runner-up, 2nd runner-up and the winning team for the Best Innovation Award. Prior selection of projects will be conducted if necessary.

The YPEC is an event which aims at promoting innovative engineering projects, with a main focus is on participants' project presentations delivered through their multimedia tools, speeches and exhibitions booths. The panels will evaluate the entries based on the following aspects:

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| i) Project Content (40%) | ii) Presentation (60%) |
| <ul style="list-style-type: none">- Subject- Feasibility- Structure | <ul style="list-style-type: none">- Attendance- Impression- Audience Impact- Voice- Time Management- Presentation Aids (Visual, Sound, etc.)- Question & Answer Session |

5. AWARDS

	Certificate	Trophy	Prize
All Participants	✓	-	-
Champion	✓	✓	HK\$1,500
1 st Runner Up	✓	✓	HK\$1,000
2 nd Runner Up	✓	✓	HK\$500
Best Innovation Award	✓	✓	HK\$1,000
My Favourite Pitching Award	✓	✓	HK\$1,000
My Favourite Booth Award	✓	✓	-
My Favourite Poster Award	✓	✓	-

6. SCHEDULE

Due date for online application and abstract submission	24th July 2020 (Friday)
Due date for abstract amendment	14th August 2020 (Friday)
Due date for submission of presentation material (e.g. PowerPoint, website etc.)	11th September 2020 (Friday)
Due date for submission of posters (Not applicable for contestant who choose exhibition booth option)	11th September 2020 (Friday)
Latest submission date and voting deadline for 2-minute Pitching Video (Optional)	25th September 2020 (Friday)
YPEC Event Day at HKUST	4th October 2020 (Sunday)

7. APPLICATION

- Candidates can register individually or in a team with the co-authors of the projects or papers (maximum number of team members: 8).
- **Regardless of the number of members and their backgrounds, a general consensus should be reached within the team before submitting application. If applicable, teams / team members are also reminded to seek consent from their corresponding affiliations. For details, please refer to our Regulations in Section 8.**
- Candidates should fill in the online application form on the YPEC website <http://www.ietypec.org/registration/> on or before the application due date advised in Section 6 of this Information Sheet.
- The aforesaid online application on the YPEC website is the only application method of the YPEC. Should candidates confront any problem or need assistance, please contact us by email at info@ietypec.org
- Late application will not be entertained.
- Each team should submit a **project abstract** of **no more than 200 words** in **English** to the online application system. For resubmitting project abstract, each team should submit it to submission@ietypec.org, clearly stating their **team number** and the **name of affiliation**, on or before the resubmission due date stated in Section 6 of this Information Sheet.
- Each team has to submit their **presentation material** for the presentation (e.g. PowerPoint, website, Flash movie, etc.) and **poster** (if applicable) to submission@ietypec.org, clearly stating their **team number** and the **name of affiliation**, on or before the due date stated in Section 6 of this Information Sheet.

8. REGULATIONS

1. The abstract and presentation must be written and conducted in English.
2. The submitted abstract must be the original work of the registered authors.
3. Full legal and other relevant responsibilities arising from any possible breach of intellectual property rights are entirely borne by the applicants themselves. The organising committee of YPEC 2020 and the IET Hong Kong are not responsible for any claims and legal liabilities arising from such dishonest breach.
4. Participants are required to submit their online application, project abstract, poster (if applicable) and presentation material before the respective deadlines.
5. The submitted abstract must be formatted according to the paper template provided at our official website www.ietypec.org/downloads/.
6. Violation of regulations 4 or 5 may cause a penalty on the judging marks or disqualification.
7. During each presentation, the competition chairperson will indicate the time after eight minutes and then give final indication after ten minutes. The speaker should then finish the presentation as quickly as possible. If necessary, the chairperson will interrupt the contestant and ask them to stop immediately in order to be fair to other contestants.
8. The final judgment solely depends on the decisions of the judging panel on all matters and no appeal against it will be accepted.
9. All the personal data provided by means of this event will be treated seriously in strict confidence. It will only be used for activities relating to the YPEC 2020. In accordance with the Personal Data (Privacy Ordinance) Cap.486, the personal data would not, without your prescribed consent, be used for a new purpose or disclosed to any third party.
10. By entering the YPEC, entrants will be consenting to their organisation and innovation being made available to the public. It is, with some limited exceptions, essential that the invention has not been disclosed to the public, or otherwise 'make available to the public', before a patent application has been filed. Therefore, any entrants considering patent protection for their ideas are advised to take appropriate action, such as seeking professional advice, before submitting applications.

11. The organising committee of the YPEC 2020 and IET Hong Kong reserve the rights to explain and modify the regulations without prior announcement.

9. CONTACT US

Details and updates of the YPEC 2020 are available on the official website: www.ietypec.org and Facebook page: <https://www.facebook.com/ietypec> (or search “YPEC” on Facebook). You are also welcomed to follow us in LinkedIn www.linkedin.com/company/ietypec. For enquiries, please contact us by email to info@ietypec.org.

