

IESC 2017

**INTERNATIONAL ENGINEERING STUDENTS CONFERENCE 2017
GUIDEBOOK**

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01 BACKGROUND & GOALS

On the 22nd of April 2016, the Paris Agreement was signed to mark the creation of a global landmark to tackle global warming. It is an agreement within the United Nations Framework Convention on Climate Change (UNFCCC) which will deal with mitigation of greenhouse gas emissions and to avoid the 2 °C increase in global temperature.

Achieving this target will create a tremendous challenge. The world's dependence on fossil fuel, and the reluctance of certain countries to switch to sustainable energy is often attributed to the high price of the current innovation and the lack of effectiveness from these innovations.

Engineers therefore hold an essential role in ensuring that the world will achieve the target it has set. Sustainable innovation is no longer a luxury, it has become a primary need should we wish to avoid a global catastrophe.

Entering our second year, the International Engineering Students Conference (IESC) 2017 aims to create a platform for sharing of ideas and discussions with regards to the aim mentioned above. It is for these reasons that we have embarked on the theme of **“Innovations in Achieving Sustainable Development”**. Through this theme, we aim to achieve a concrete discussion, where the ideas will be published in Universitas Indonesia's Proceedings.

02 ELIGIBILITY & TIMELINE

A. Eligibility

1. Participants must be an active university student pursuing **undergraduate program** as per May 2017 (Students who would have graduated in the next semester are still welcome to participate in this competition).
2. Participants are to register individually, or in a team of maximum 3 (three) participants from any discipline in one university.
3. Participants are only allowed to submit 1 (one) submission.
4. At least 1 (one) team member **must attend** the final conference should the team pass the abstract selection. Failure to attend will lead to an automatic disqualification.

B. Timeline

Online Registration : 19th June – 20th July 2017, 23.59 (GMT +7)

Abstract Submission : 26th June – 31st July 2017, 23.59 (GMT +7)

Accepted Abstracts Announcement : 15th August 2017

Full Paper Submission : 16th August – 15th September 2017, 23.59 (GMT +7)

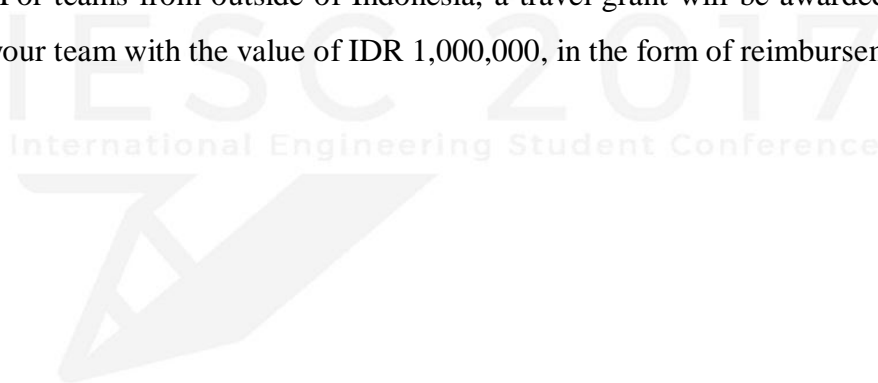
Final Conference : 29th – 30th September 2017

03 REGISTRATION

The registration window for International Engineering Students Conference will be held from 19th June – 20th July 2017. Registration will be done online through this link. Please wait for our confirmation email which will indicate the acceptance of your application. Your registration can be done on bit.ly/IESCReg

Your abstract should be submitted to our email at iesc@eng.ui.ac.id. Tardiness in submission will result in automatic disqualification from this competition. The result will be announced on our website and you will receive an email notification from us.

Please note that at least **1 (one)** member of your team must attend the final conference to present your paper. For teams from outside of Indonesia, a travel grant will be awarded for **1 (one)** member of your team with the value of IDR 1,000,000, in the form of reimbursement.



04 GUIDELINES

There are two categories in this competition:

1. Presentation Category

Should you compete in this category, you will make a paper and a presentation should you proceed to the final conference. You will present in front of a panel of judges and defend your innovation in the form of the presentation.

2. Poster Category

Should you compete in this category, you will make a paper and poster should you proceed to the final conference. A team of judges will present you with several questions and you will defend your innovation in the form of a poster

The submission for the International Engineering Students Conference 2017 should be relevant to one of the following sub-topics:

1. Civil Engineering and / or Environmental Engineering
2. Mechanical Engineering and / or Naval Engineering
3. Material Engineering and / or Metallurgy Engineering
4. Chemical Engineering and / or Biochemical Engineering
5. Industrial Engineering
6. Electrical Engineering and / or Computer Engineering
7. Architecture

We strive for a high standard and quality in all papers published in the proceedings. Please note that there will be point reduction should you fail to write the paper in the format provided. You can find our guidelines and abstract format in bit.ly/IESC2017. Please note the following requirements:

1. The abstract format should follow the Universitas Indonesia Proceeding Format which can be found in the link above
2. Use American English in your writing
3. Your abstract **must not exceed 200 words**. You should keep your abstract short and precise. Anything beyond the 200 word count will not be taken into any consideration.
4. There **must not** be any equations in your abstract. Any equations will not be taken into consideration.
5. There **must not** be any picture(s) in your abstract. Any pictures will not be taken into consideration.
6. Your abstract should not repeat the information already present in the title.
7. References are not to be written in your abstract.
8. Your abstract must be written in the same exact format given to you in the link above.
9. The abstract must be submitted with the name **IESC2017_(Team Leader Name)_(Paper Title)_Presentation/Poster_Sub-Topic Number** for both the file title and subject of the email, sent to iesc@eng.ui.ac.id by the deadline stipulated above.

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International Engineering Student Conference

