ANALOG DEVICES ACADEME EXPO 2024 (ADXP 2024)
SUBMISSION OF EXTENDED ABSTRACT GUIDELINES

Eligibility:

1. Submission is open to BS, Masters, and PhD engineering (and engineering-related) students of Philippine Universities and Colleges.
2. Student/s **must** either be enrolled in the present academic year or have just graduated from half of the previous year and is/are not presently affiliated with or employed by any electronics or semiconductor company.
3. The paper **should** be endorsed by at least one full-time faculty member in the same university or college.
4. Entries **must** be a school project, thesis, dissertation or other research to which the authors are major contributors. Papers presented in other conferences are also welcome.
5. The paper **should** showcase innovation and breakthrough in the field of electronics engineering. The topic of the paper can be, but is not limited to, any of the following:
    - Instrumentation and Control Systems
    - Mechatronics
    - Microcontroller Systems
    - Wireless Communications
    - Microelectronics
    - Biomedical electronics
    - Signal Processing and Algorithms
    - Cloud Computing
    - Machine Learning
    - Internet of Things (IoT)
    - Power electronics
    - Artificial Intelligence (AI)
6. The author(s) reserve(s) the right to have their work published in other conferences unless bound by prior Analog Devices Inc. Non-Disclosure Agreement (ADI NDA).
7. Maximum number of pages is **2**. **Papers with more than two pages will automatically be rejected.** Excluding recommendation letter and checklist.
8. Any non-compliance of the guidelines may be grounds for non-acceptance. If you there are any uncertainties for meeting any of the guidelines, please reach out to us through the email address provided below.

Submission:

1. Follow the attached template in writing the extended abstract.
2. All extended abstract submissions **must** include a recommendation letter from your school or department. The letter must indicate the status of your enrollment or date of graduation.
3. The final document **must** come in PDF format.
4. Entries **should** be submitted to **adxp@analog.com**, with a subject line *"ADXP 2024 Abstract - <Track>"*. For the *Track* section of the subject, refer to #5 in the Eligibility section. For example, *"ADXP 2024 Abstract - Mechatronics"*. For the topics that are not included in the list, indicate "*ADXP 2024 Abstract – Others"*.
5. All submissions are final. Revisions and corrections will not be accepted.
6. **Deadline of abstract submission is on 11:59PM of August 23, 2024.**
7. If you have inquiries or concerns, send us an email at **adxp@analog.com** with a subject line "ADXP Inquiries".

Criteria for Acceptance of the Extended Abstract (BS/Undergraduate):

Criteria	Description	Percentage
Novelty of work	• Mastery of the Idea/Concept • Unique contribution of your work ○ Did you develop a new method for doing something? ○ Did you find different results than others who have investigated the same thing? ○ Did you demonstrate that something can be done that hasn't been shown before? ○ Did you find a faster, simpler, or more accurate way of doing something that has been shown before? ○ Did you discover something new and meaningful to other researchers and/or to practitioners? *(In the template, it is Project Description section)*	**25%**
Quality of Work and technical feasibility of study	• Accuracy and credibility of data presented. • Likelihood of implementing/completing the project successfully. ○ Is the solution practical to do? ○ Working prototype, silicon results or equivalent of those results proving that the solution is feasible. *(In the template, it is the Results and Conclusion section)*	**35%**
Paper Construction	• Logical flow of presentation • Idea/Concept clearly presented ○ *(Overall flow of the extended abstract)* • Significance of study and how it is presented: It should determine who benefits from the study and how that specific audience will benefit from its findings. ○ What problem does your idea is trying to solve? ○ What significant scientific contribution is the study making to my field of research. ○ *(In the template, it is the Background section)*	**40%**
	TOTAL	**100%**

Criteria for Acceptance of the Extended Abstract (MS and PhD/Graduate and Post-Graduate):

Criteria	Description	Percentage
Novelty of work	• Mastery of the Idea/Concept • Unique contribution of your work ○ Did you develop a new method for doing something? ○ Did you find different results than others who have investigated the same thing? ○ Did you demonstrate that something can be done that hasn't been shown before? ○ Did you find a faster, simpler, or more accurate way of doing something that has been shown before? ○ Did you discover something new and meaningful to other researchers and/or to practitioners? *(In the template, it is Project Description section)*	**30%**
Technical feasibility of the proposed solution and quality of work	○ Likelihood of implementing/completing the project successfully. ○ Is the solution practical to do? ○ Working prototype, silicon results or equivalent of those results proving that the solution is feasible. ○ Accuracy and credibility of data presented. *(In the template, it is the Results and Conclusion section)*	**30%**
Significance of the Study	• It should determine who benefits from the study and how that specific audience will benefit from its findings. ○ What problem does your idea is trying to solve? ○ What significant scientific contribution is the study making to my field of research. *(In the template, it is part of the Background section)*	**20%**
Paper Construction	• Logical flow of presentation • Idea/Concept clearly presented *(Overall flow of the extended abstract)*	**20%**
	TOTAL	**100%**

Important Dates:

Activity	Date
Deadline of submission of Extended Abstract AND Recommendation (Please see checklist attached in the template)	August 23, 2024 (11:59PM)
Announcement of Accepted Extended Abstracts and Demos	September 6, 2024 (9:00 AM)
Deadline for authors' confirmation of attendance	September 9, 2024 (11:59 PM)

Writing Tips:

1. Before writing the extended abstract, ask yourself the following:
    - What results do I want to communicate?
    - How does my work improve on previously published work?
    - Who are the key players in this area?
    - What are the latest references?
2. Use simple sentences. Be as concise as possible and direct to the point.
    - Avoid using words like "Fastest", "Smallest", "Lowest power consumption", etc. Use quantitative words and accurate comparisons with earlier work.
3. Be explicit and concrete especially on your results and conclusion. Quantify the results.
    - The paper must convince the reviewer of the quality of the work.
4. Put your results in context. Compare them to the results of others if applicable. Refer those explicitly to the references.
5. Since the abstract only requires two pages, use appropriate images and/or visual aids strategically to reduce word count significantly.

Transportation & Accommodation:

1. The company will cover transportation for up to three (3) representatives for accepted technical papers coming from distant provinces.
2. The transportation covered includes round-trip airfare (if needed) and land transportation to and from Cavite.
3. Accommodation for the three (3) representatives will also be covered.
4. If there are more than three (3) representatives for the paper, the representatives will bear the associated costs.
5.

Prizes:

This is your opportunity to gain recognition, connect with leading experts, and make your mark in the academic and professional community. See below for the prizes of winning papers.

Award	Prize
Best Paper	Plaque + PHP 30k
Best Paper Presenter	Plaque + PHP 10k