

# 2022 ANNUAL PAASE MEETING & SYMPOSIUM

## OCTOBER 11-14, 2022

[www.paase.org](http://www.paase.org)

ENGAGING NEXT GENERATION  
SCIENCE AND ENGINEERING



Pontifical and Royal  
**UNIVERSITY OF SANTO TOMAS**  
THE CATHOLIC UNIVERSITY OF THE PHILIPPINES

THE PHILIPPINE - AMERICAN

Academy of Science & Engineering

### INTRODUCTION

The Annual PAASE Meeting and Symposium (APAMS) is a multi-disciplinary conference of Filipino and Philippine-American scientists and engineers. It has been an annual activity of the Philippine-American Academy of Science and Engineering (PAASE), continuously attracting the participation of researchers of different levels of experience and from varied fields of studies, since it started in 1980.

APAMS 2022 is being hosted by the University of Santo Tomas (Manila) through the collaboration of its academic and research units in the sciences and engineering.

### DATE & VENUE

APAMS 2022 will be held online from 11-14 October 2022 via Zoom platform.

### CONFERENCE THEME

APAMS 2022 focuses on the theme “**Engaging Next Generation Science and Engineering**”. Through this theme, PAASE ushers the youth into an active and innovative involvement in different fields of science and engineering.

### CONFERENCE GOALS

APAMS 2022 aims to strengthen the continuing interaction between Filipino and Filipino-American scientists and engineers at various stages of their research career. It presents a venue for the sharing of knowledge and experience enhancing S&T research being done in the country. It offers an opportunity for the establishment of research linkages among the participants and encourage a more active atmosphere for the development of a broader research community in the country.

### SCOPE

APAMS 2022 will cover the following specialized research areas (Research Expertise Clusters, RECs):

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| REC 1: Evolution, Ecology, and Fisheries                         | REC 8: Earth and Environmental Sciences                                 |
| REC 2: Psychology and Neuroscience                               | REC 9: Mathematical, Statistical, Physics, and Data Science             |
| REC 3: Molecular, Developmental Biology and Genetics             | REC 10: Computer Science, Machine Learning, and Artificial Intelligence |
| REC 4: Plants, Agriculture, Farming, Food Science, and Nutrition | REC 11: Disease, Medicine, and Pharmaceuticals                          |
| REC 5: Chemistry and Biochemistry                                | REC 12: Space Science   |
| REC 6: Materials Science & Technology, and Biotechnology         | REC 13: Socio-Cultural, Economics and Political Science                 |
| REC 7: Electronics, Electrical Engineering and Instrumentation   | REC 14: Education, Media, Museology and Indigenous Knowledge            |
|  | REC 15: Science & Technology Innovation in the Regions                  |

## CALL FOR PAPERS

Participants are invited to submit papers for oral and poster presentations. Below are the guidelines for the submission of papers. **Paper contributions (oral or poster) for the 2022 Annual PAASE Meeting & Symposium are accepted until AUGUST 15, 2022.**

All submissions should be in English and will undergo a peer-review evaluation on the originality of the work, scientific soundness, completeness, and accuracy, coherence of the content, and compliance with the format. Download the [2022 APAMS Abstract Template](#). Adhere to the formatting instructions in the provided template.

The abstract should be uploaded in the [2022 APAMS Abstract Submission link](#) with the file name **format: REC (Research Expertise Cluster) Number\_Surname. Type of Presentation** (e.g. REC 5\_Sevilla\_Oral).

The Technical Papers Committee reserves the right to reassign papers if necessary. The submission for a paper presentation does not automatically indicate the registration of a participant. Registration to the conference is a separate process.

## PROGRAM

APAMS 2022 features plenary and keynote lectures by invited speakers. It consists of on-line plenary and parallel sessions, and poster presentations, organized for each specialized research area.

The provisional timetable of activities is outlined below.

<b>Day 1</b> <b>11 October 2022</b> <b>Plenary session</b> (9:00 – 11:30 AM)	<b>OPENING SESSION</b> <ul style="list-style-type: none"><li>• Welcome address</li><li>• Plenary lecture 1</li><li>• Plenary lecture 2</li><li>• Opening virtual poster presentations</li></ul>
<b>Day 2</b> <b>12 October 2022</b> (8:00 – 11:00 AM)	<ul style="list-style-type: none"><li>• Severino and Paz Koh Lectureship in Science (45 min)</li><li>• Poster session</li><li>• Parallel sessions 1 -5</li></ul>
<b>Day 3</b> <b>13 October 2022</b> (8:00 – 10:00 AM)	<ul style="list-style-type: none"><li>• Severino and Paz Koh Lectureship in Technology (45 min)</li><li>• Poster session</li><li>• Parallel sessions 6 - 10</li></ul>
<b>Day 4</b> <b>14 October 2022</b> (8:00 – 12:00 AM)	<ul style="list-style-type: none"><li>• Parallel session 11-15</li><li>• Poster Sessions</li><li>• Business meeting: President's report</li><li>• CLOSING SESSION</li></ul>

## REGISTRATION

APAMS 2022 participants will be required to register via the [2022 APAMS Registration Form](#). The registration fees are shown in the table below

	Early-bird registration (before 16 September 2022)	Regular registration (after 16 September 2022)
Local participants	PHP 1,000.00	PHP 1,500.00
Overseas participants	USD 100.00	USD 150.00

Payments may be made through any of the following modes:

- For Philippines-based participants, please pay through  
Name of Bank: Metrobank  
Bank address: 339 Katipunan Ave., Quezon City  
Account name: PAASE PHILS INC  
Savings Account number: 093-3-09322505-9
- For US-based and overseas participants, please pay through PayPal  
Click the PayPal DONATE button on the PAASE website homepage:  
<https://www.paase.org/> and indicate that payment is for APAMS 2022 registration

A scanned copy or screenshot of the deposit slip or confirmation slip should be sent to [ivillase@yahoo.com](mailto:ivillase@yahoo.com) (for Philippine peso payment) or to [liza.viratatheimer@gmail.com](mailto:liza.viratatheimer@gmail.com) (for U.S. dollar payment).