

高雄市東南亞教育交流協會 函



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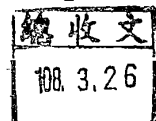
受文者：國立中興大學 研發處、產學處、國際處、研究中心

發文日期：中華民國 108 年 03 月 20 日
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 速別：普通件
 密等及解密條件：
 附件：如說明

主 旨：「菲裔美國科學家和工程師學會」(Philippine-American Academy of Science and Engineering; PAASE)特邀「高雄市東南亞教育交流協會」(Edu-Connect Southeast Association, Kaohsiung, Taiwan; 以下簡稱本會)於 2019 年 5 月 22-24 日組團參加菲律賓理工界、科學界、學術界和產學界的國際科技研究媒合盛會；本年度主題為「Building a Robust Ecosystem for the Advancement of Science and Technology」；PAASE 邀請函及議程初版如附件；敬邀本會會員暨各大學相關重點研究中心(單位)踴躍報名參加，請查照。

說 明：

- 一、 「菲裔美國科學家和工程師學會」(Philippine-American Academy of Science and Engineering; PAASE)年會係菲律賓科學、科技暨工程學界尖端研究分享、國際實驗室合作和科學教育推廣的產官學對話媒合盛會。PAASE 年會即將於 2019 年 5 月 23 日至 24 日在馬尼拉 Century Park Hotels 舉行；PAASE 也會於 5 月 22 日先在 Asian Institute of Management (AIM)舉行 PAASE 的產學合作工作坊，這將由 AIM Data Science PhD Program 的 Dr. Chris Monterola and Dr. Erika Legaea 規劃。
- 二、 大會議程重點包括：(A) Understanding the Health and Climate Nexus: Integrated Mitigation and Adaptation Strategies to Climate Change、Systems Biology、Energy and the Environment、Innovations in Agriculture, Fishery, Forestry and Food Product Sector；(B)Transforming into a Research University: Emerging Technologies and Data Science、Public Private Partnership for Health、Communicating Science、Transforming the Science Education Landscape: Toward Building Human Capital for S&T Ecosystem
- 三、 高雄到馬尼拉只需 90 分鐘；臺灣各大學重點研究中心和產學團隊就能夠和菲國大學及菲裔美籍頂尖科學家/工程師 Research Lab 做國際媒合，共同為區域包容性發展和科技教育共組國際團隊，也為台菲高等教育合作營造另一途徑；Edu-Connect 常務理事吳英明講座教授曾於 2018 年受 PAASE 之邀分享「台菲科學家合作，發揮志願服務行動，創新人才資本發展，再造國家建設和東南亞社會發展」。
- 四、 本會今年再度受 PAASE 之邀將協助台灣各大學「研發處」、「產學合作處」、「研究中心」和「尖端科技實驗室」，共組台灣團隊前往參加並安排各項事宜。



國立中興大學



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第一頁

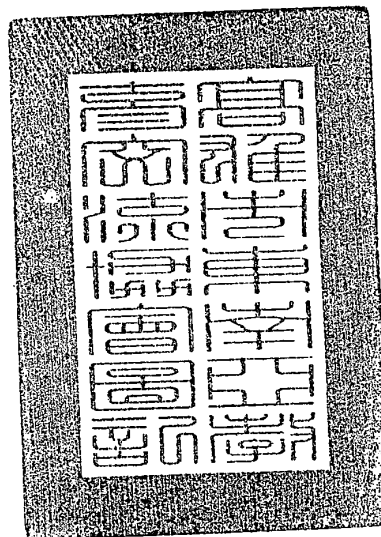
五、本會將視參與者的需求安排必要拜會並和 ADB、NEDA、DOST、CHED、PAASE、UP System、PASUC 等單位的科學/科技社群互動。

辦 法：

- 一、請欲參加者儘速報名；請自訂 5 月 22 日早上由高雄直飛馬尼拉的華航機票；自行申請菲律賓簽證；返航日期及班機依個別安排自行訂定。
- 二、大會註冊報名(<https://paasephilippines.wixsite.com/apams/event-details-1>),報名費每人美金 100 元,現場報到現金繳交即可；Century Park Hotels (<https://www.centurypark.com/>)請自行上網訂房,記得註明參加 APAMS 2019,每晚每間約 4500 菲幣(Superior Room)。
- 三、每位報名者需繳交新台幣 3,000 元做為本次共同管銷費用。報名者請繳交個人英文履歷,本團將印製成冊。
- 四、若參加者想在大會相關 Panel 發表,請依官網(<https://paasephilippines.wixsite.com/apams/news>)規定登錄;每人發表時間約 10-12 分鐘,本會也會負責協調相關安排。
- 五、相關資訊請先參考 PAASE 邀請附件及 PAASE 官網
聯絡人:吳英明、莊美恩 (07)6158000#4212 / eimin@stu.edu.tw
PAASE 官網 www.paase.org / 活動官網 <http://paasephilippines.wixsite.com/apams>

正 本: 國立中興大學 研發處、產學處、國際處、研究中心

副 本: 本會留存



THE PHILIPPINE - AMERICAN

Academy of Science & Engineering

2019 Annual PAASE Meeting and Symposium

23 - 24 May 2019 | Manila, Philippines

Building a Robust Ecosystem for the Advancement of Science and Technology

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PAASE Philippines, Inc.
A SUBSIDIARY OF PAASEE-MAIL
paase.philippines@gmail.comWEBSITE
www.paase.orgProf. Yuan-Hsiang Chu
President
Edu-Connect Southeast Asia Association
Kaohsiung, Taiwan

February 18, 2019

Dear Prof. Yuan-Hsiang Chu,

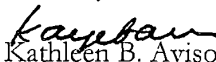
It is our great pleasure to invite you to the 2019 Annual Philippine-American Academy of Science & Engineering (PAASE) Meeting and Symposium (APAMS 2019) with the theme, "Building a Robust Ecosystem for the Advancement of Science and Technology". The conference will be held on May 23–24, 2019 in Century Park Hotel, Manila, Philippines.

The Philippine-American Academy of Science & Engineering or PAASE is a non-profit organization composed of scientists and engineers of Philippine descent who have distinguished themselves in scholarly and research-related activities. PAASE members are at the forefront of scientific research and technology development in the United States, the Philippines and other countries. Since 1980, the organization has grown to over 230 members. Our mission is to contribute to national progress through the improvement of the STEM ecosystem in the Philippines. Should you need further information about the organization, please visit www.paase.org for details.

This year's theme is meant to focus on the pillars of building a sustainable research ecosystem which involves building human capital, strengthening research infrastructure, and forging partnerships with industry and the government. The conference will feature the research thrusts and projects being undertaken by PAASE members and their collaborators both here and abroad. The conference is meant to be a venue for the exchange of ideas, establishment of new linkages and the strengthening of old partnerships.

Should you need further information regarding this event, please do not hesitate to contact me at kathleen.aviso@dlsu.edu.ph or you may visit the conference website at <https://paasephilippines.wixsite.com/apams>. We look forward to seeing you in May.

Sincerely,


Kathleen B. Aviso, PhD
2019 PAASE President
Professor, Chemical Engineering Department
De La Salle University, Manila, Philippines

Draft Program for APAMS 2019
Building a Robust Ecosystem for the Advancement of Science and Technology

Day 1: May 23, 2019			
8:45 – 9:00	Opening Ceremonies		
9:00 – 9:30	Severino Paz Koh Lectureship 1 (awardee still being deliberated)		
9:30 – 9:45	Break		
9:45 – 10:15	Severino Paz Koh Lectureship 2 (awardee still being deliberated)		
10:15 – 11:30	Emerging Researchers Forum (moderated by Dr. Michael Angelo Promentilla and Dr. Joey Ocon- ASEAN Science and Technology Fellows of 2018 - 2019) Dr. Angelyn Lao (Department of Mathematics, De La Salle University, Manila) -confirmed Dr. Ian Navarette (Department of Environmental Science, Ateneo) - confirmed Dr. Erika Legara (Department of Analytics, Information and Operations, Asian Institute of Management) - confirmed Dr. Gay Jane Perez (Institute of Environmental Science and Meteorology, University of the Philippines) – to be invited Poster Viewing Lunch		
11:30 – 12:15	Poster Viewing		
12:15 – 1:15	Lunch		
Parallel Sessions			
1:15 – 2:45	Understanding the Health and Climate Nexus (Part I) Prof. Michael Angelo Promentilla De La Salle University, Manila	Integrated Mitigation and Adaptation Strategies to Climate Change Dr. Gay Jane Perez Institute of Environmental Science and Meteorology <i>"A P-graph Approach for Carbon Management Networks with Negative Emission Technologies"</i> Kathleen Aviso De La Salle University, Manila	Systems Biology <i>"Systems Biology of Alzheimer's Disease: Understanding How to Prevent or Delay Its Onset or Progression"</i> Dr. Angelyn Lao De La Salle University, Manila Dr. Jomar Rabajante University of the Philippines, Los Banos
2:45 – 3:00	Break		
Parallel Session 2			
3:00 – 4:30	Understanding the Health and Climate Nexus (Part II) Dr. Michael Angelo Promentilla De La Salle University, Manila	Energy and the Environment Dr. Joey Ocon University of The Philippines Diliman <i>"Air Pollution Tolerance Index of Trees in Selected Areas of the Philippines: A</i>	Innovations in Agriculture, Fishery, Forestry and Food Product Sector Dr. Joel Cuello The University of Arizona, USA

Revised 03/13/2019

<p><i>Biomonitoring Approach</i> Dr. Glenn Sia Su University of the Philippines Manila</p> <p><i>"Electrode and electrolyte materials development for solid oxide electrochemical cell applications"</i> Renz Marion Garcia, Jennet Rabo, Rinlee Butch Cervera* University of the Philippines Diliman</p> <p><i>"Providing livelihood opportunities with basic electrification using renewable energy in poor, remote areas: recent experience in Mindanao, Philippines"</i> Dr. Ernesto Terrado Asian Development Bank</p>	<p>Dr. Desiree Hautea University of the Philippines Los Banos</p> <p><i>"Attraction of the cacao pest, Helopeltis bakeri poppius to caryophyllene"</i> Mary Angelique Tavera, Lesli Ann Ormenita, Billy Joel Almarinez, Divina Amalin, Mary Jane Flores, Gerardo Janairo and Jose Isagani Janairo*</p>
<p>4:30 – 6:00</p>	<p><i>Oral Highlights/Cocktails</i></p>
<p>6:00 – 7:00</p>	<p>Business Meeting/Dinner</p>

Revised 03/13/2019

Day 2: May 24, 2019

8:15 – 8:30	Opening Ceremonies			
8:30 – 8:55	Plenary Lecture 1 <i>Transforming the Philippine Economy in the Fourth Industrial Revolution – (to be confirmed)</i> Dr. Rafaelita Aldaba Undersecretary for Competitiveness and Innovation Department of Trade and Industry			
8:55 – 9:20	Plenary Lecture 2 <i>Creating the Research and Innovation Infrastructure (to be confirmed)</i> Dr. Rowena Cristina Guevara Undersecretary for Research and Development Department of Science and Technology			
9:20 – 9:30	Break			
9:30 – 9:55	Plenary Lecture 3 <i>Industry Perspective on Strengthening the Knowledge Ecosystem (to be confirmed)</i> Mr. Arthur Tan CEO Integrated Microelectronics Inc.			
9:55 – 10:20	Plenary Lecture 4 <i>3D Printing and Advanced Manufacturing: the Science of Materials (confirmed)</i> Prof. Rigoberto Advincula Center for Macro-Molecular Science and Engineering Case Western University			
10:20 – 10:40	CIITrade			
10:40 – 12:00	Panel Discussion on Creating the Synergy between Industry, Academic and Government (Moderated by Dr. Richard Abendana)			
12:00 – 1:15	Lunch			
	Parallel Session 3			
1:15 – 2:45 PM	Transforming into a Research University (Part I) Prof. Raymond Tan De La Salle University, Manila	Emerging Technologies and Data Science Dr. Vincent Daria College of Health and Medicine Australia National University "How "Deep" are Deep	Public Private Partnership for Health Dr. Ann Villalobos Central Mindanao University Acad. Victor B. Amoroso Central Mindanao University	Communicating Science Dr. Edna Co Centre International de Formation des Autorites et Leaders (CIFAL Philippines) University of the Philippines,

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	Xylos Corp.	<i>Learning Neural Nets?</i> Dr. Edsel Pena University of South Carolina	NS Ed Gomes University of the Philippines Diliman Dr. Edwino Fernando University of the Philippines Los Banos Dr. Arvin G. Diesmos National Museum Dr. Jayson Ybanez Philippine Eagle Center	Diliman Acad. Carmencita Padilla University of the Philippines Manila
2:45 – 3:00	Break			
Parallel Session 4				
3:00 – 4:30	Transforming into a Research University (Part II) Acad. Prof. Jose Cruz National Academy of Science and Technology	Transforming the Science Education Landscape: Toward Building Human Capital for S&T Ecosystem Dr. Mario Sto. Domingo Department of Psychology University of Maryland, Baltimore County Dr. Sheryl Lyn Monterola University of the Philippines Diliman Dr. Marie Paz Morales Philippine Normal University Dr. Maricris Prudente De La Salle University, Manila	Public Private Partnership for Health Dr. Isagani Padolina Pascual PharmaCorp Dr. Elmer Dadios Biomedical Intelligent Systems Group De La Salle University Manila	

Revised 03/13/2019