

**PAASE Volunteerism to Promote Philippine Science, Engineering and Innovation  
October 24 – 25, 2018**

**National Institute of Physics (NIP), University of the Philippines Diliman (UPD)**

**Wednesday, 24 October 2018**

**Day 1: Empowering Academics and R&D in Universities  
as Hubs of R&D and Innovation Ecosystems**

<b>Time</b>	<b>Activity</b>	<b>Speaker(s)/Facilitator(s)</b>
<b>8:30-9:30 AM</b>	<b>Registration</b> AM Snacks	
<b>9:30-9:35 AM</b>	<b>Welcoming Remarks</b>	Dr. Perry Ong, Dean of College of Science
<b>9:35–9:50 AM</b>	<b>Meeting Background</b>	Dr. Joel Cuello, PAASE President
<b>9:50-10:20 AM</b>	<b>Keynote Speech</b>	Dr. Ernesto Pernia, PH Socioeconomic Planning Secretary
<b>10:20-11:30 AM</b>	<b>PAASE Hall of Honor Awards and PAASE Distinguished Vanguard Awards</b>	Dr. Joel Cuello, PAASE President Dr. Gisela Concepcion, PAASE Meeting Chair and PAASE Past President Dr. Kathleen Aviso, PAASE Vice President
<b>11:30 AM-12:30 PM</b>	<b>Panel Presentations Part I</b>	Dr. Gisela Concepcion, PAASE Meeting Chair
	<b>Frontier Strategies and R&amp;D Applications as Showcases of Success</b>	
	Global R&D Labs and Capacity Building: Plant Genomics and Crop Science	Dr. Michael Purugganan <i>New York University</i>
	Advanced Materials and the Philippine Engagement: From Sensors to 3D Printing	Dr. Rigoberto Advincula <i>Case Western Reserve University</i>
	Interdisciplinary, Interface Frontier Research (Drug Discovery & Development)	Dr. Baldomero Olivera <i>University of Utah</i>
	Opportunities in Employing the Biodiversity of the Philippines in New Therapeutics and Bioactive Foods	Dr. Carlito Lebrilla <i>University of California, Davis</i>
	DOST-funded Innovation Breakthroughs	Dr. Rowena Guevara <i>DOST</i>
	Panel Q&A	Dr. Gisela Concepcion, PAASE Meeting Chair and PAASE Past President
<b>12:30–12:45 PM</b>	<b>Group Photo</b>	
<b>12:45-2:30 PM</b>	<b>Lunch &amp; Viewing of Exhibits, Judging of Posters</b> Signing-up of Participants in Discussion and Writing Groups	
<b>2:30–3:30 PM</b>	<b>Panel Presentations Part II</b>	Dr. Joel Cuello, PAASE President
	<b>Frontier Strategies and R&amp;D Applications as Showcases of Success</b>	
	Food, Agriculture, Livestock and the Impact of Climate Change in Developing Economies	Dr. Roberta Morales-Cowen <i>North Carolina State University</i>
	Sustainable Energy (Renewable Energy and Offgrid Electrification)	Dr. Ernesto Terrado <i>DOE-ASEP</i>

**PAASE Volunteerism to Promote Philippine Science, Engineering and Innovation  
October 24 – 25, 2018**

<b>Time</b>	<b>Activity</b>	<b>Speaker(s)/Facilitator(s)</b>
	Artificial Intelligence and Information Science (SMART CITIES)	Dr. Christopher Monterola <i>Asian Institute of Management</i>
	A Philippine-US Collaboration in Graduate Education and Training: The UP-UH Experience	Dr. Arnold M. Guloy <i>University of Houston</i>
	Panel Q&A	Dr. Joel Cuello, PAASE President
<b>3:30-4:30 PM</b>	<b>Break-out Sessions</b> Discussions within Writing Groups	
<b>4:30-6:30 PM</b>	<b>Social Session</b> Commercial and Industry Exhibits University Exhibits of Licenses Technologies R&D Program booths in key Areas of Development PM Cocktails	
<b>END OF DAY 1</b>		

**Thursday, 25 October 2018**

**Day 2: Creating Academe, Government, and Industry Value Chains  
and R&D and Innovation Ecosystems**

<b>Time</b>	<b>Activity</b>	<b>Speaker(s)/Facilitator(s)</b>
<b>8:30-9:30 AM</b>	<b>Registration</b> AM Snacks	
<b>9:30-9:45 AM</b>	<b>Induction of New PAASE Members and Associate Members &amp; Recognition of PAASE Founding Members</b>	Dr. Joel Cuello, PAASE President Dr. Carlito Lebrilla, PAASE Board of Directors Chair
<b>9:45-10:30 AM</b>	<b>Members' Meeting</b>	Dr. Joel Cuello, PAASE President Dr. Kathleen Aviso, PAASE Vice President Dr. Carlito Lebrilla, PAASE Board of Directors Chair
<b>10:30 AM–12:15 PM</b>	<b>Panel Presentations</b>	Dr. Fabian Dayrit, PAASE Past President
	NAST PROPOSAL for a Philippine STI 30-year Strategic Plan	Dr. Rhodora Azanza <i>National Academy of Science and Technology</i>
	S&T and Innovation Thrusts of DTI, BOI and PEZA	Dr. Rafaelita Aldaba <i>DTI</i>
	Technology Transfer and Business Development: Invention Disclosures and IP Sharing IP and Licensing Agreement Issues between Academe and Industry	Dr. Luis Sison <i>UP TTBD</i>
	Asian Biotech Venture Creation	XiangQian (XQ) Lin <i>Esco Ventures</i>
	USAID STRIDE: Working with the Philippine Government and Academia to Increase both Output and Outcomes of Research	Dr. Richard Abendan <i>USAID STRIDE</i>

**PAASE Volunteerism to Promote Philippine Science, Engineering and Innovation  
October 24 – 25, 2018**

<b>Time</b>	<b>Activity</b>	<b>Speaker(s)/Facilitator(s)</b>
	VISSER Instrumentation for K11-12 and Tertiary, SMSE STEAM training and education	Dr. Giovanni Tapang <i>UP Diliman</i>
	Creating Learning-centered Humane Societies, Led by Suprastructure (PhD Expert level) Powerhouse	Dr. Tim Eing-Ming Wu <i>Edu-Connect Southeast Asia Association</i>
	Regional R&D Hubs and Spokes and Governance based on Natural, Human Resources & Cultural Framework	Dr. Edna Co <i>UP CIFAL Philippines</i>
<b>12:15-12:45 PM</b>	<b>Panel Q&amp;A Summary and Synthesis</b>	Dr. Alvin Culaba, PAASE Past President Dr. Gonzalo Serafica, PAASE Past President Dr. Fabian Dayrit, PAASE Past President
<b>12:45-2:30 PM</b>	<b>Lunch &amp; Viewing of Exhibits, Judging of Posters</b> Signing-up of Participants in Discussion and Writing Groups	
<b>2:30-4:00 PM</b>	<b>Break-out Sessions</b> Discussions with Writing Groups	
<b>4:00-5:00 PM</b>	<b>Oral Presentations and Competition of Selected Projects (Rapid Fire – 7 Min.)</b> from R&D Program Booths and Posters	Dr. Kathleen Aviso, PAASE Vice President, PAASE Meeting Co-chair Dr. Fabian Dayrit, Poster Competition Chair and Judge, PAASE Past President
<b>5:00-6:00 PM</b>	<b>Synthesis of Resolutions and Position Papers</b> <b>Turnover to Sec. Pernia of PAASE Proposal Documents</b> <b>Turnover to Sec. Pernia of Compendium of PAASE Experts and their CVs</b>	Dr. Ernesto Pernia, PH Socioeconomic Planning Secretary Dr. Joel Cuello, PAASE President Dr. Carlito Lebrilla, PAASE Board of Directors Chair Dr. Gisela Concepcion, PAASE Meeting Chair and PAASE Past President
<b>END OF DAY 2</b>		