

**MAIN STAGE**  
WORLD TRADE CENTER

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TIME	JULY 17 TUESDAY	JULY 18 WEDNESDAY	JULY 19 THURSDAY	JULY 20 FRIDAY	JULY 21 SATURDAY
8:00 – 9:00 AM	<b>OPENING CEREMONY</b>	<b>SETUP Forum:</b> "Harnessing STI Towards Industry 4.0" LEAD: DOST Regional Offices (co DOST-4B and DOST-6)			
9:00 – 10:00 AM		<b>PARTICIPANTS:</b> SETUP Adoptors, MSMEs, Industry Associations, Academe and DOST Regional Offices			
10:00 – 11:00 AM		<b>INVITED SPEAKERS/TOPICS</b> <b>Part I: Industry 4.0 Are We There Yet?</b> Ms. Rafaelita M. Aldaba, ASEC, DTI			
11:00 - 12:00 NN		<b>Part II: Innovation Ecosystem: Setting the Stage</b> Dr. Rowena Cristina L. Guevara, USEC, DOST Topic: Talk on DOST Programs and Services			
12:00 - 1:00 PM		<b>Part III: Leading the Way...</b> Dr. Raul Destura, Manila HealthTek Inc. Dr. Isagani Padolina, Pascual Pharma Corp. Five (5) SUCs to present SUC-Industry Collaboration			
1:00 - 2:00 PM		Dr. Jonathan Nayga (Isabela State University); Dr. Arnulfo Malinis (Bicol University); Dr. Gavino Trono (University of the Philippines Diliman); Dr. Corazon Macachor (Cebu Technological State University); and Dr. Jinky Bornaes (Mindanao State University–Iligan Institute of Technology)			
2:00 - 3:00 PM		Mr. George Barcelon, PCCI Topic: Science and Technology at Work at Philippine Business Industry			
3:00 - 4:00 PM		<b>Part IV: Awarding of Best SETUP Adoptor</b> Dir. Edgardo Esperancilla The Board of Judges Short introduction and criteria on Best SETUP Adoptor Award Sec. Fortunato T. de la Peña Usec. Brenda L. Nazareth-Manzano Awarding of Winners Awarding of top Five Finalist by the Chairman of the Board of Judges Awarding of National Winners by the Chairman of the Board of Judges			
4:00 - 5:00 PM					
			<b>PCHRD</b> <b>HATAW AGHAM 2018</b>	<b>"Community Empowerment through Science and Technology (CEST) Summit"</b> LEAD: DOST-Regional Offices (co DOST-1, 2, 3 and 8) <b>PARTICIPANTS:</b> CEST Beneficiaries, LGUs, other partner NGAs, DOST Regional Offices <b>INVITED SPEAKERS/TOPICS</b> Hon. Henry C. Ong, 2 <sup>nd</sup> District Rep., Leyte Guest Speaker on the CEST Vision Hon. Cynthia A. Villar Guest Speaker on Women's Sector Hon. Loren Regina B. Legarda Guest Speaker on Coastal Communities Ms. Gina Lopez Guest Speaker on the Quest for Love Program	
			Signing of Memorandum of Understanding Between Panay Railways Inc., Philtrak, Inc. and MIRDC		

## 2018 NSTW Science for the People FORUM PLAN

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TIME	JULY 17 TUESDAY				JULY 18 WEDNESDAY				JULY 19 THURSDAY				JULY 20 FRIDAY				JULY 21 SATURDAY				
	F1	F2	F3	F4	F1	F2	F3	F4	F1	F2	F3	F4	F1	F2	F3	F4	F1	F2	F3	F4	
8:00–9:00 AM	OPENING CEREMONIES																				
9:00–10:00 AM								S T I I													
10:00–11:00 AM						P C I E E R D	M I R D C	-	T A P I			P C H R D								N R C P	
11:00–12:00 NN								S C I E N C E	-	P C A A R D	P C A A R D	B A L I K	T A P I		A S T I	D O S T					
12:00–1:00 PM					A P C T T			J O U R N A L I S M	A P C T T			S C I E N T I S T S		P H I L A A S T	-	I T C U					
1:00–2:00 PM	I T C U	N S T W				P C A A R D															
2:00–3:00 PM	J A A P	P R E S S					M I R D C				P T R I										
3:00–4:00 PM		C O N																			
4:00–5:00 PM																					

Legend: F1-Function Room 1, F2-Function Room 2, F3-Function Room 3, F4-Function Room 4

## The Philippines Crossing the Atmospheric Borders

20 July 2018, Friday | World Trade Center, Pasay City, Philippines

TIME	ACTIVITY
8:00 AM–9:00 AM	Registration
9:00 AM–9:10 AM	Opening Remarks Fortunato T. De La Peña <i>Secretary, Department of Science and Technology</i>
9:11 AM–9:20 AM	Keynote Remarks Sen. Paolo Benigno “Bam” Aquino IV <i>Chair, Committee on Science and Technology Senate of the Philippines</i>
9:21 AM–9:25 AM	Group Photo
<b>Plenary Session 1: Space Technology: A new universe of opportunities</b>	
9:26 AM–9:40 AM	<i>National Security and Application</i> Dr. Hal Maring <i>National Aeronautics and Space Administration (NASA), United States of America</i>
9:41 AM–9:55 AM	Dr. Enrico C. Paringit <i>UP Diliman, Philippines</i>
9:56 AM–10:10 AM	Dr. Alan T. Ortiz <i>Philippine Council for Foreign Relations, Philippines</i>
10:11 AM–10:25 AM	<i>Hazard Management and Climate Studies</i> Dr. Gemma Teresa T. Narisma <i>Manila Observatory, Philippines</i>
10:26 AM–10:40 AM	Ms. Thelma Cinco <i>Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA), Philippines</i>
10:41 AM–10:55 AM	<i>Space International Cooperation</i> GISTDA
10:56 AM–11:05 AM	Open Forum
11:06 AM–11:35 AM	Workshop and table discussion

11:36 AM–11:45 AM	Synthesis
11:46 AM–13:00 PM	Lunch Break
<b>Plenary Session 2: Launching the future</b>	
13:00 PM–13:15 PM	<i>Space Research and Development</i> Dr. Hiroshima Shirakawa <i>Japan Aerospace Exploration Agency (JAXA), Japan</i>
13:16 PM–13:30 PM	Dr. Joel Joseph S. Marciano, Jr. <i>Advanced Science and Technology Institute, Philippines</i>
13:31 PM–13:45 PM	Mr. Alex da Silva Curiel <i>Surrey Satellite Technology Ltd., United Kingdom</i>
13:46 PM–14:00 PM	Dr. Rogel Mari D. Sese <i>National Space Development Program, Philippines</i>
14:01 PM–14:10 PM	Coffee Break
14:11 PM–14:25 PM	<i>Space Industry Capacity Building</i> Mr. Oleg S. Grafodatsky <i>NPO Lavochkin, Russia</i>
14:26 PM–14:40 PM	Dr. Leo Almazan <i>Balik-Scientist expert, Philippines</i>
14:41 PM–14:55 PM	<i>Space Education and Awareness</i> Prof. Yukihiro Takahashi <i>Hokkaido University, Japan</i>
14:56 PM–15:10 PM	Dr. Gay Jane Perez <i>UP Diliman, Philippines</i>
15:11 PM–15:20 PM	Open Forum
15:21 PM–15:50 PM	Workshop and table discussion
15:50 PM–16:00 PM	Synthesis
16:00 PM–16:10 PM	Closing Remarks Dr. Rowena Cristina L. Guevarra, <i>Undersecretary for R&amp;D cum Space Development Taskforce Chair, Philippines</i>  Master of Ceremony Ms. Jeramie M. Caballes, <i>Project Development Officer</i> <i>Office of the Assistant Secretary for International Cooperation</i>

**2018 NATIONAL SCIENCE AND TECHNOLOGY WEEK  
"Science for the People: Innovation for Collective Prosperity"**

**Food and Nutrition Research Institute (FNRI)**

DATE	TIME	ACTIVITY	VENUE	RESOURCE PERSON
17–21 July	Exhibit hours	Nutrition & Diet Counselling	NSTW STI @ Home Cluster, World Trade Center, Pasay City	FNRI ND Counselling Team led by Consuelo Orense, Spvg SRS & Nutritionist-Dietitian
17–21 July	Exhibit hours	Interactive Cooking Demo	NSTW STI @ Home Cluster, World Trade Center, Pasay City	FNRI Cooking Demo & Training Teams led by Marietta Bumanglag, Sr. SRS & Nutritionist-Dietitian & Josefina Gonzales, SRS II & Nutritionist-Dietitian

**2018 NATIONAL SCIENCE AND TECHNOLOGY WEEK  
"Science for the People: Innovation for Collective Prosperity"**

**Industrial Technology Development Institute (ITDI)**

DATE	TIME	ACTIVITY	VENUE	RESOURCE PERSON
21–25 May		Metrology Course: Fundamentals of Measurement	Metrology Conference Room, Metrology Building, DOST Compound, Taguig City	
25–27 May		International Food Exhibition (IFEX) 2018	World Trade Center and Philippine Trade Training Center, Pasay City	
3 July		117 <sup>th</sup> ITDI Foundation Day	Philippine International Convention Center (PICC), Pasay City	

**2018 NATIONAL SCIENCE AND TECHNOLOGY WEEK**  
**"Science for the People: Innovation for Collective Prosperity"**

**Metals Industry Research and Development Center (MIRDC)**

DATE	TIME	ACTIVITY		
<b>HET Demo Run Schedules</b>				
17–21 July		Trips	De La Rosa to EDSA	EDSA to De La Rosa
		First Loop	09:25 AM – 09:31 AM	09:32 AM – 09:38 AM
		Second Loop	10:40 AM – 10:46 AM	10:47 AM – 10:53 AM
18 July (Wed)	9:00 AM– 11:00 AM	TRANSPORT PROGRAM: Hybrid Electric Train (HET)	Function Room 3, World Trade Center, Pasay City	Engr. Pablo Q. Acuin Senior Science Research Specialist MIRDC-Materials and Process Research Division (MPRD)
18 July	1:00 PM– 3:00 PM	S&T SERVICES: Auto-Parts Testing Laboratory/ Die and Mold Solution Center/ Gear Making and Assembly Facility/ Finite Element Analysis Design Center/ Surface Engineering Facility/ Investment Casting	Function Room 3, World Trade Center, Pasay City	Engr. Rodnel O. Tamayo Chief Science Research Specialist MIRDC-Materials and Process Research Division (MPRD)
19 July	2:00 PM– 4:00 PM	Signing of Memorandum of Understanding Between Panay Railways Inc., Philtrak, Inc. and MIRDC	Main Stage, World Trade Center, Pasay City	

**2018 NATIONAL SCIENCE AND TECHNOLOGY WEEK**  
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**National Research Council of the Philippines (NRCP)**

STI in School Cluster (Main Activity Area)			
DATE	TIME	ACTIVITY	RESOURCE PERSON
18 July	9:00 AM– 9:30 AM	Registration Invocation	Jich Placeros
	9:35 AM	Acknowledgement of Participants and introduction of Project Leader	Maria Elena A. Talingdan <i>Division Chief</i> , Research Information and Dissemination Division
	9:40 AM	Wordlists in 7 Philippine Languages Used in the K-3 Curriculum	Dr. Heidi Macahilig DOST-NRCP, Member Division I, Philippine Normal University
	9:50 AM	Demo Teaching	Ms. Charmaine T. Espejo
	10:20 AM	Open Forum	
	10:30 AM	Storytelling Games	Mr. Earle Figuracion Ms. Rizza Villanueva
	11:00 AM	Awarding of Certificates	
	11:20 AM	Closing Remarks	Dr. Marieta Bañez Sumagaysay Exec. Director, NRCP
	11:30 AM	Lunch	
		Moderator	Carmela Lantican

**2018 NATIONAL SCIENCE AND TECHNOLOGY WEEK**  
**"Science for the People: Innovation for Collective Prosperity"**

**National Research Council of the Philippines (NRCP)**

Venue and Address: Mezzanine Function Room 1, World Trade Center, Pasay City

DATE	TIME	ACTIVITY	RESOURCE PERSON
21 July	9:00 AM	Doxology Philippine National Anthem	
	9:15 AM	Welcome Remarks	Dr. Ramon A. Razal <i>President, NCRP</i>
	9:20 AM	Introduction of Lecturers	Maria Elena A. Talingdan <i>Chief SRS, NRCP, Research Information and Dissemination Division</i>
	9:30 AM	NRCP: The Fusion of Science and Art (Museum Stewardship)	Ms. Sandy De Leon <i>National Museum of the Philippines Archeology Division</i>
	9:45 AM	Lecture 2: The Fusion of Science and Arts (Natural History)	Ms. Aissa Domingo <i>National Museum of the Philippines Zoology Division</i>
	10:00 AM	Lecture 3: Resilient Filipino Music	Dr. Jose S. Buenconsejo <i>Dean, UP College of Music</i>
	10:15 AM	Video Presentation of Music	
	10:30 AM	Open Forum	
	10:45 AM	Lecture 4: Resilient Filipino Dances	Mr. Omarjan Jahuran <i>Cultural Researcher, Tawi- Tawi</i>
	11:00 AM	Video Presentation	
	11:15 AM	Open Forum	

11:30 AM Reactors  
 – NCCA  
 – Senator Loren B.  
 Legarda  
 – Humanities and  
 Social Sciences  
 Division

11:45 AM Discussion of results from participants (Policy  
 recommendations)

11:55 AM Awarding of Certificates/Token of Appreciation

12:00 PM Closing Remarks Dr. Marieta Bañez  
 Sumagaysay

12:10 Lunch

Masters of Ceremonies: Maria Elena A. Talingdan  
*Chief SRS, NRCP, RIDD*  
 Jenny Leigh A. Daquioag  
*Scientific Docu. Officer II,  
 NRCP-RIDD*

**2018 NATIONAL SCIENCE AND TECHNOLOGY WEEK**  
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**Philippine Council for Agriculture, Aquatic, and Natural Resources  
 Research, and Development (PCAARRD)**

DATE	TIME	ACTIVITY	VENUE	RESOURCE PERSON
18 July	1:00 PM– 3:00 PM	IP Kayumanggi: An Input for the Sustainability of the Duck Egg Industry	Function Room 2 World Trade Center Pasay City	Dr. Synan S. Baguio, DOST- PCAARRD
	3:00 PM– 5:00 PM	Are We Ready for the Food Safety Regime? Evidence for the Commodity Supply Chain Stakeholders	Function Room 2 World Trade Center Pasay City	Dr. Isabelita M. Pabuayon, CEM-UPLB
19 July	8:00 AM– 10:00 AM	Biological-based Approaches for Cacao Pest Management	Function Room 2 World Trade Center Pasay City	Dr. Divina M. Amalin & Dr. Alberto T. Barrion, DLSU
	8:00 AM– 10:00 AM	Algal blooms and red tide can be harmful	Function Room 3 World Trade Center Pasay City	Dr. Rhodora V. Azanza, Professor Emeritus, UPD- MSI
	10:00 AM– 12:00 AM	Carrageenan Technology on Mungbean Production	Function Room 2 World Trade Center Pasay City	Mr. Fernando B. Aurige, PNRI

10:00 AM– 12:00 NN	SARAI SEAMS and SPid for Smart Agriculture	Function Room 3 World Trade Center Pasay City	Prof. Moises A. Dorado & Mr. Melvin D. Ebuenga, UPLB (SARAI)
1:00 PM– 3:00 PM	Greenhouse-Type Solar Dryer for Quality Coffee Beans	Function Room 2 World Trade Center Pasay City	Engr. Romualdo C. Martinez, DA-PhilMECH
3:00 PM– 5:00 PM	LAMP Kit for Shrimp Early Mortality Syndrome	Function Room 2 World Trade Center Pasay City	Dr. Mary Beth B. Maningas, UST

**2018 NATIONAL SCIENCE AND TECHNOLOGY WEEK**  
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**Philippine Council Health Research and Development (PCHRD)**

DATE	TIME	ACTIVITY	VENUE	RESOURCE PERSON
19 July	8:00 AM	#HATAWAGHAM4	Main Stage, World Trade Center, Pasay City	Ms. Natalia Uy-Chan, Graduate, College of Human Kinetics, University of the Philippines-Diliman and Zumba instructor, Zumba Fitness Philippines
19-20 July	8:00 AM	DAAD Workshop	Hotel Jen Manila	Dr. Miguel Salazar

**2018 NATIONAL SCIENCE AND TECHNOLOGY WEEK  
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**Philippine Council for Industry, Energy, and Emerging Technology Research, and Development (PCIEERD)**

DATE	TIME	ACTIVITY	VENUE	RESOURCE PERSON
18 July	9 AM 12 NN	Bringing Research to Market: A Mixer for Researchers and Industry	Function Room 2, Mezzanine, World Trade Center, Pasay City	
18 July	1 – 4 PM	Up-close with our Talented Young Pinoy Innovators: A Forum with YIP Awardees	STI in School Cluster Stage	1. Girls Will Code (Ms. Isabel R. Sieh / Ms. Mia R. Sieh)  2. St. Cecilia's College-Cebu High Altitude Balloon Life Support System "Karunungan" Flight Team (Christian Lawrence Cantos/Rhenz Jay Estrera/John Rollene Pastor/Jhy Rosheene Paunel/Justine Nid Dafon/Enrique Pacudan)  3. Modesto D. Remo, Jr.

4. Mapua University – Team Fire Luminosity and Multi-sensory Equipment a.k.a Team FLAME (Adrian Robert J. Doroteo/Darwyn James C. Golling/Alec Denji S. Santos/Emmanuel Freeman H. Paloma/Jacob Martin S. Manguiat)

5. UP Likha 3D (Joshua Kevin Uy/Mark Keanu James Exconde)

6. PSHS CLC Team Guided Robotic Arm for Specific Procedures a.k.a. Team GRASP (Kenneth Suarez/Nyle Maliwat/Francis Tolentino)

7. Colegio de Dagupan Innovators (Jade Ace C. Ventigan/Patrick A. Ora/Orpheus C. Petrola)



**2018 NATIONAL SCIENCE AND TECHNOLOGY WEEK**  
**"Science for the People: Innovation for Collective Prosperity"**

**Philippine Textile Research Institute (PTRI)**

DATE	TIME	ACTIVITY	VENUE	RESOURCE PERSON
19 July	8:00 AM–5:00 PM	A Forum on Waste Management to Inclusive Circular Economy	Function Room 3, World Trade Center, Pasay City	Ms. Gina Lopez* DENR Former Secretary* Asst. Sec. Rafaelita Aldaba* Usec. Ceferino S. Rodolfo* Ms. Jen Horn Muni Founder Ms. Anya Lim Ant Hill Mr. Jeremy Brun* Philippine Business for Social Progress* Philippine Center for Environmental Protection and Sustainable Development, Inc* Dr. Raul Fabella* UP Diliman Dr. Felipe Calderon* AIM Philippine Business for the Environment* Dr. Alvin B. Culaba* De La Salle University Mr. Mark Ruiz* ReconX

\* no confirmation received yet

**2018 NATIONAL SCIENCE AND TECHNOLOGY WEEK**  
**"Science for the People: Innovation for Collective Prosperity"**

**Science Education Institute (SEI)**

DATE	TIME	ACTIVITY	VENUE	RESOURCE PERSON
18 July	2:00 PM	In Touch With Excellence	Meeting Room 1, Philippine International Convention Center, Pasay City	To be announced (TBD)
18 July	8:00 AM–5:00 PM	UPSTART: Upgrading Science and Technology Research Trends	Philippine International Convention Center, Pasay City	To be discussed (TBD)
20 July	1:00 PM–5:00 PM	Women Inspiring Women	Philippine International Convention Center, Pasay City	To be discussed (TBD)

**2018 NATIONAL SCIENCE AND TECHNOLOGY WEEK**  
**"Science for the People: Innovation for Collective Prosperity"**

**Science and Technology Information Institute (STII)**

DATE	TIME	ACTIVITY	VENUE	RESOURCE PERSON
18 July	8:00 AM–5:00 PM	#ScienceJournoAko: Communicating S&T Innovation	Function Room 4, World Trade Center, Pasay City	Aristotle P. Carandang, LPT, MPS, PhD  Ms. Ruby Shaira F. Panela  Henry A. De Leon

**2018 NATIONAL SCIENCE AND TECHNOLOGY WEEK**  
**"Science for the People: Innovation for Collective Prosperity"**

**Technology Application and Promotion Institute (TAPI)**

DATE	TIME	ACTIVITY	VENUE	RESOURCE PERSON
18–19 July	9:00AM –5:00 P.M.	Regional Forum on Strategies to Enhance Innovation and Management Capacities of Startups and SMEs	Main Stage, World Trade Center, Pasay City	Ms. Michiko Enomoto, Head, APCTT-ESCAP Dr. Satyabrata Sahu, Coordinator, APCTT-ESCAP Dr. Krishnan Srinivasaraghavan, Coordinator, APCTT-ESCAP Mr. Rana Hasan, Director, Development Economics and Indicators Division, Asian Development Bank, Manila, Philippines (TBC) Other APCTT Resource Speaker (TBC)

**2018 NATIONAL SCIENCE AND TECHNOLOGY WEEK**  
**"Science for the People: Innovation for Collective Prosperity"**  
**DOST Regional Offices**

DATE	TIME	ACTIVITY	VENUE	RESOURCE PERSON
18 July	9:00 AM-5:00 PM	"Harnessing STI Towards Industry 4.0"	Main Stage, World Trade Center, Pasay City	Sec. Fortunato T. de la Peña, Secretary Department of Science and Technology (DOST)
		Part I: Industry 4.0: Are We There Yet?		Dr. Rafaelita P. Aldaba, Assistant Secretary Department of Trade and Industry (DTI)
		Part II: Innovation Ecosystem: Setting the Stage		Dr. Rowena Cristina L. Guevara, Undersecretary for Research & Development Department of Science and Technology (DOST) Dr. Elmer Jose Dadios (De La Salle University)
		Part III: Leading the Way...		Dr. Raul Destura Manila HealthTek Inc. Dr. Isagani Padolina Pascual Pharma Corp. Engr. Danilo Manayaga Secura International Corp.

5 Representatives from the State Universities and Colleges in:  
 Dr. Jonathan Nayga (Isabela State University); Dr. Arnulfo Malinis (Bicol University); Dr. Gavino Trono (University of the Philippines Diliman); Dr. Corazon Macachor (Cebu Technological State University); and Dr. Jinky Bornaes (Mindanao State University–Iligan Institute of Technology)

Science and Technology at Work in Philippine Business Industry

Mr. George Barcelon Philippine Chamber of Commerce and Industry

Synthesis and Open Forum

Dr. Carl E. Balita Philippine Chamber of Commerce and Industries Radyo Negosyo, ABS-CBN Teleradyo

Part IV: Awarding of Best SETUP Adoptor

Dir. Edgardo Esperancilla  
 The Board of Judges  
 Short introduction and criteria on Best SETUP Adoptor Award  
 Sec. Fortunato T. de la Peña  
 Usec. Brenda L. Nazareth-Manzano  
 Awarding of Regional Winners  
 Awarding of top Five Finalist by the Chairman of the Board of Judges  
 Awarding of National Winners by the Chairman of the Board of Judges