

**NATIONAL ACADEMY OF SCIENCE AND TECHNOLOGY, PHILIPPINES**

**42<sup>nd</sup> Annual Scientific Meeting**

**“Science and Technology for Society: Solutions to Long-Standing Concerns”**

7 – 10 July 2020 via Zoom

	<b>July 7 Tuesday</b>	<b>July 8 Wednesday</b>	<b>July 9 Thursday</b>	<b>July 10 Friday</b>
9:30		Opening Program		
10:00	Launching of the Scientific Poster Session	Plenary 1 – Food System and Health	Plenary 4 – ICT, Shelter, and Other Infrastructure	Learnings from the COVID 19 Pandemic: Preparing for the New Normal
1:00		Plenary 2 – Energy, Water, and Transportation Systems	Plenary 5 – Science Education and Talent Retention	Closing Program Presentation of the 42 <sup>nd</sup> ASM Resolutions
3:00		Plenary 3 – Environment, Climate Change, and Blue Economy	Plenary 6 – The Way Forward	<u>Awarding Ceremony</u> Best Scientific Poster, OBM, OSP, NESA, NTSYS, OYS  Investiture and Oath Taking of New Academicians and CMs

<b><u>July 7, 2020</u></b>		
10:00	Launching of the NAST Scientific Poster Session	<b>ACD. RAYMOND GIRARD R. TAN</b> Chair, 42 <sup>nd</sup> ASM Scientific Poster Review Committee Member, Engineering Sciences and Technology Division NAST Philippines

<b><u>July 8, 2020 - 9:30 am</u></b>		
9:30	Start of the Opening Program	<b>ACD. FABIAN M. DAYRIT</b> Vice President NAST Philippines
9:35	Welcome Remarks	<b>ACD. RHODORA V. AZANZA</b> President NAST President
9:45	Opening Message	<b>SECRETARY FORTUNATO T. DE LA PENA</b> Department of Science and Technology
9:55	Brief Statement of the Objectives and Introduction on: Development of a Philippine STI Foresight and 30-year Strategic Plan 2020-2050	<b>ACD. REYNALDO B. VEA</b> Chair, 42 <sup>nd</sup> ASM Steering Committee Chair, Engineering Sciences and Technology Division NAST Philippines
<b>PLENARY SESSION I FOOD SYSTEM AND HEALTH</b>		
10:00	Introduction of the Speakers	Moderator: <b>ACD. EDWARD H.M. WANG</b> Member, Health Sciences Division NAST Philippines
10:10	Feeding Metro Manila in 2050	<b>ACD. EUFEMIO T. RASCO JR.</b> Chair, Agricultural Sciences Division NAST Philippines
10:30	The Latest Data on Diet and Health	<b>ACD. ANTONIO MIGUEL L. DANS</b> Member, Health Sciences Division NAST Philippines
10:50	Open Forum	
11:50	Synthesis of the Discussion Introduction for Plenary Session II	<b>ACD. EDWARD H.M. WANG</b>
12:00	End of Plenary Session I	

**July 8, 2020 – 1:00 pm**

**PLENARY SESSION II  
ENERGY, WATER, AND TRANSPORTATION SYSTEMS**

1:00	Introduction of the Speakers	Moderator: <b>ACD. AURA C. MATIAS</b> Member, Engineering Sciences and Technology Division, NAST Philippines
1:10	Energy and Water in the Time of COVID-19	<b>ACD. FILEMON A. URIARTE, JR.</b> Member, Engineering Sciences and Technology Division NAST Philippines
1:30	Transportation System in the New Normal	<b>DR. JOSE REGIN F. REGIDOR</b> Professor UP Institute of Civil Engineering
1:50	Open Forum	
2:30	Synthesis of the Discussion Introduction for Plenary Session III	<b>ACD. AURA C. MATIAS</b>
2:40	End of Plenary Session II	

**July 8, 2020 – 3:00 pm**

**PLENARY SESSION III  
ENVIRONMENT, CLIMATE CHANGE, AND BLUE ECONOMY**

3:00	Introduction of the Speakers	Moderator: <b>ACD. MARIE ANTONETTE J. MEÑEZ</b> Member, Biological Sciences Division NAST Philippines
3:10	Blue Economy	<b>ACD. RHODORA V. AZANZA</b> Chair, Biological Sciences Division NAST Philippines
3:30	Climate Change and Environment	<b>ACD. RODEL D. LASCO</b> Member, Agricultural Sciences Division, NAST Philippines
3:50	Open Forum	
4:50	Synthesis of the Discussion	<b>ACD. MARIE ANTONETTE J. MEÑEZ</b>
5:00	End of Plenary Session III	

**July 9, 2020 – 10:00 am**

**PLENARY SESSION IV  
ICT, SHELTER, AND OTHER INFRASTRUCTURE**

10:00	Introduction of the Speakers	Moderator: <b>ACD. GUILLERMO Q. TABIOS III</b> Member, Engineering Sciences and Technology Division NAST Philippines
10:10	Harnessing the Digital Ecosystems Approach for Small and Medium Enterprises	<b>ACD. WILLIAM T. TORRES</b> Member, Engineering Sciences and Technology Division NAST Philippines
10:30	Adapting the Philippine Building Act of 2020 with S&T Innovations in Regulations and Standards for A New Normal	<b>ACD. BENITO M. PACHECO</b> Member, Engineering Sciences and Technology Division NAST Philippines
10:50	Open Forum	
11:50	Synthesis of the Discussion Introduction for Plenary Session V	<b>ACD. GUILLERMO Q. TABIOS III</b>
12:00	End of Plenary Session IV	

**July 9, 2020 – 1:00 pm**

**PLENARY SESSION V  
SCIENCE EDUCATION AND TALENT RETENTION**

1:00	Introduction of the Speakers	Moderator: <b>ACD. JOSE MARIA P. BALMACEDA</b> Member, Mathematical and Physical Sciences Division, NAST Philippines
1:10	Strategies for Basic Education under COVID-19 Conditions	<b>ACD. CHRISTOPHER C. BERNIDO</b> Member, Mathematical and Physical Sciences Division, NAST Philippines
1:20	On Higher Education	<b>ACD. WILLIAM G. PADOLINA</b> Member, Mathematical and Physical Sciences Division, NAST Philippines
1:30	Open Forum	
2:30	Synthesis of the Discussion Introduction for Plenary Session VI	<b>ACD. JOSE MARIA P. BALMACEDA</b>
2:40	End of Plenary Session V	

**July 9, 2020 – 3:00 pm**

**PLENARY SESSION VI  
THE WAY FORWARD**

3:00	Introduction of the Speakers	Moderator: <b>ACD. REYNALDO B. VEA</b> Chair, Engineering Sciences and Technology Division NAST Philippines
3:10	Challenges under the new Normal (Geopolitical and Socio-Economic Concerns)	<b>MR. JAIME AUGUSTO ZOBEL DE AYALA</b> Chairman and CEO Ayala Corporation
3:40	Open Forum	
4:50	Synthesis of the Discussion	<b>ACD. REYNALDO B. VEA</b>
5:00	End of Plenary Session III	

**July 10, 2020 - Day 3 – 10:00 am**

**LEARNINGS FROM THE COVID19 PANDEMIC:  
PREPARING FOR THE NEW NORMAL**

9:50	Introduction of the Speakers	Moderator: <b>ACD. JAIME C. MONTOYA</b> Secretary, NAST Philippines
10:00	Ensuring Health and Safety of Communities	<b>DR. MARIA ROSARIO S. VERGEIRE</b> Undersecretary Department of Health
10:20	Enhanced Disease Surveillance	<b>DR. MA. REGINA JUSTINA E. ESTUAR</b> Project Team Leader DOST FASSSTER Ateneo De Manila University
10:40	Addressing Societal concerns: Economy, Business and Education	<b>SEC. KARLO ALEXEI B. NOGRALES</b> Cabinet Secretary and Co-Chairpersons, Inter-Agency Task Force for the Management of Emerging Infectious Diseases
11:00	Open Forum	
12:00	End of Session	

**July 10, 2020 - Day 3 – 1:00 pm**

**CLOSING PROGRAM**

1:00	Recap of what happened in the last two days and a half	Moderator: <b>ACD. JAIME C. MONTOYA</b> Secretary, NAST Philippines
1:20	Presentation of the NAST 42 <sup>ND</sup> ASM Resolutions	<b>ACD. REYNALDO B. VEA</b>
1:40	Response from NEDA	<b>DR. KARL KENDRICK CHUA</b> Acting Secretary National Economic Development Authority
1:50	Response from DOST	<b>SECRETARY FORTUNATO T. DE LA PENA</b> Department of Science and Technology
2:00	AWARDING CEREMONY	<b>BEST SCIENTIFIC POSTER</b> - <b>ACD. WILLIAM T. TORRES</b> Chair, Scientific Poster Board of Judges, 42 <sup>nd</sup> ASM
		<b>OUTSTANDING BOOK / MONOGRAPH AWARD</b>
		<b>OUTSTANDING SCIENTIFIC PAPER</b>
		<b>NAST ENVIRONMENTAL SCIENCE AWARD</b>
		<b>NAST TALENT SEARCH FOR YOUNG SCIENTISTS</b>
		<b>OUTSTANDING YOUNG SCIENTIST AWARD</b>
	Oath Taking of New Academicians and CMs	<b>SECRETARY FORTUNATO T. DE LA PENA</b>
3:00	Closing Remarks	<b>ACD. FABIAN M. DAYRIT</b>
3:15	End of the Closing Program	