

NATIONAL ACADEMY OF SCIENCE AND TECHNOLOGY, PHILIPPINES

44th ANNUAL SCIENTIFIC MEETING

Venue: Manila, Philippines and via Zoom and FB

Date: 13-14 July 2022

Theme: **PAGTANAW 2050: Agham Tungo sa Mabuting Kinabukasan**

FORESIGHT 2050: Science for a Sustainable Future

PROGRAM

13 July 2022 (Wednesday)		
8:00	REGISTRATION	
8:45	OPENING OF POSTER SESSION & EXHIBITS	
	Ribbon Cutting	SECRETARY _____ Department of Science and Technology ACADEMICIAN RHODORA V. AZANZA President NAST PHL
OPENING CEREMONIES ACD. FABIAN M. DAYRIT Vice President NAST PHL Moderator		
9:00	Entry of Colors	UP RAYADILLO
9:05	National Anthem Invocation	MAPUA CARDINAL SINGERS
9:10	Welcome Remarks	ACD. RHODORA V. AZANZA President NAST PHL
9:30	Opening Remarks	_____ Secretary Department of Science and Technology
9:50	Introduction to the Keynote Speaker	ACD. RHODORA V. AZANZA President NAST PHL
9:55	Keynote Address on Systems Thinking	DR. JOHN L. ANDERSON President US National Academy of Engineering
10:25	Intermission Number	MAPUA CARDINAL SINGERS
10:35	Address on Climate Change	DR. JOY JACQUELINE PEREIRA Vice Chair, Working Group II on Impacts, Adaptation, and Vulnerability Intergovernmental Panel on Climate Change (IPCC)
11:05	Address on Coastal and Ocean Sustainability	DR. RENIEL B. CABRAL Senior Lecturer, Marine Biology and Aquaculture, College of Science and Engineering James Cook University Townsville, Australia
11:35	Introduction to the 44 th ASM	ACD. FABIAN M. DAYRIT Vice President

	Brief Statement of the Objectives and Introduction on the theme	NAST PHL
	Rapporteur:	DR. TONETTE P. LAUDE Outstanding Young Scientist 2016 Associate Professor, Institute of Crop Science University of the Philippines Los Baños
12:00	Lunch Break	
	LUNCH MEETINGS: a) Best Scientific Poster Board of Judges b) Resolutions Committee	VENUE: _____ _____
	RECOGNITION OF SUPPORT FROM SPONSORS AND DONORS	
PM Session		
1:00 pm	PLENARY SESSION 1 THE FLAVOR AND LANDSCAPE OF FUTURES AND FORESIGHT NETWORKS IN THE ASIA PACIFIC AND THE WORLD	
(30 mins)	Speaker :	PROF. SHERMON O. CRUZ Chief Futurist and Executive Director Center for Engaged Foresight
(30 mins)	Open Forum	
	Moderator :	ACD. MARIBEL G. NONATO Member, Mathematical and Physical Sciences Division NAST Philippines
	Rapporteur :	DR. ERIKA FILLE T. LEGARA Outstanding Young Scientist 2020 Associate Professor Aboitiz Chair in Data Science Asian Institute of Management
2:00	PLENARY SESSION 2 STI AND THE SOCIAL SCIENCES	
(30 mins)	Speaker :	DR. EMMA E. PORIO Professor Department of Sociology and Anthropology Ateneo De Manila University
(30 mins)	Open Forum	
	Moderator :	ACD. ARNEL A. SALVADOR Member, Mathematical and Physical Sciences Division NAST PHL
	Rapporteur :	DR. JASON VINCENT A. CABAÑES Outstanding Young Scientist 2020 Professor of Communications De La Salle University
3:00	PLENARY SESSION 3 OUTPUTS OF RSMs REGIONAL STRATEGIC PLANS OF REGIONAL CLUSTERS	
(30 mins)	Speaker :	ACD. WILLIAM G. PADOLINA Member, Mathematical and Physical Sciences Division Chair, STI Foresight Steering Committee NAST PHL

		ACD. RHODORA V. AZANZA NAST Focal Person on STI Foresight President, NAST PHL
(30 mins)	Open Forum	
	Moderator :	ACD. JOSE MARIA P. BALMACEDA Member, Mathematical and Physical Sciences Division NAST PHL
	Rapporteur :	DR. RICO C. ANCOG Outstanding Young Scientist 2019 Dean, School of Environmental Science and Management University of the Philippines Los Baños
4:00	Close of Day 1	

14 July 2022 (Thursday)

8:00	Registration	
PRESENTATION OF RESEARCH RESULTS		
9:00	Introduction of the Speakers	ACD. AURA C. MATIAS Member, Engineering Sciences and Technology Division NAST PHL
9:10	CAPTURE FISHES OF THE PHILIPPINES: STATUS, ISSUES AND RECOMMENDATIONS	ACD. RAFAEL D. GUERRERO III Member, Agricultural Sciences Division NAST PHL
10:20	DECIPHERING THE FUNCTIONAL ROLE OF CYTOCHROME B561 (CYB561) IN NEUROENDOCRINE PROSTATE CANCER DEVELOPMENT	DR. PIA D. BAGAMASBAD Outstanding Young Scientist 2019 Associate Professor 1 National Institute of Molecular Biology and Biotechnology University of the Philippines Diliman
10:30	MARSHALLING S&T TALENT FOR NATIONAL DEVELOPMENT	ACD. REYNALDO B. VEA Chair, Engineering Sciences and Technology Division NAST PHL
10:40	WORKPLACE WELLNESS ACROSS THE LIFESPAN: PROMOTING THE HEALTH AND BIRTH OUTCOMES OF YOUNG WORKERS IN THE PHILIPPINES UTILIZING EDUCATIONAL WELLNESS PROGRAMS FOCUSING ON LINC	ACD. CARMENCITA D. PADILLA Member, Health Sciences Division NAST PHL
10:50	OVERVIEW ON PLASTIC POLLUTION FROM THE PHILIPPINE PERSPECTIVE	ACD. FABIAN M. DAYRIT Chair, Mathematical and Physical Sciences Division NAST PHL
11:00	THE PHILIPPINE PISA 2018 DATA: INSIGHTS FROM MACHINE LEARNING	ACD. ALLAN BENEDICT I. BERNARDO Member, Social Sciences Division NAST PHL
11:10	Open Forum	
11:50	Synthesis of the Discussion	DR. AIMEE LYNN BARRION-DUPO Outstanding Young Scientist 2015 Associate Professor, Institute of Biological Sciences College of Arts and Sciences University of the Philippines Los Baños

12:00 nn	Lunch Break	
	MEETINGS: a) Best Scientific Poster Board of Judges b) Resolutions Committee	VENUE: _____ _____
CLOSING PROGRAM		
1:00	Report on Past Resolutions	MS. LUNINGNING E. SAMARITA-DOMINGO Director IV NAST PHL
1:20	Presentation of the NAST 44th ASM Resolutions	ACD. WILLIAM G. PADOLINA Chair, Resolutions Committee 44th Annual Scientific Meeting
1:40	Response from NEDA	_____ Director General National Economic and Development Authority
1:50	Response from DOST	_____ Secretary Department of Science and Technology
2:00	Intermission Number	MAPUA CARDINAL SINGERS
2:20	PRESENTATION OF NAST AWARDS	
	● BEST SCIENTIFIC POSTER	ACD. JOSE MARIA P. BALMACEDA Chair, Scientific Poster Board of Judges, 44th ASM Member, Mathematical and Physical Sciences Division, NAST PHL
	● OUTSTANDING SCIENTIFIC PAPER	NS DOLORES A. RAMIREZ Member, Agricultural Sciences Division NAST PHL
	● OUTSTANDING BOOK / MONOGRAPH AWARD	NS DOLORES A. RAMIREZ Member, Agricultural Sciences Division NAST PHL
	● NAST TALENT SEARCH FOR YOUNG SCIENTISTS	NS RAUL V. FABELLA Chair, Social Sciences Division NAST PHL
	● NAST ENVIRONMENTAL SCIENCE AWARD	ACD. GUILLERMO Q. TABIOS III Member, Engineering Sciences and Technology Division Member, Board of Judges, NESAs NAST PHL
	● OUTSTANDING YOUNG SCIENTIST AWARD	ACD. EDWARD H.M. WANG Member, Health Sciences Division NAST PHL
3:45	Closing Remarks	ACD. FABIAN M. DAYRIT Vice President NAST PHL
4:00	Exit of Colors	UP RAYADILLO
ACD. JAIME C. MONTOYA Secretary, NAST PHL Chair, Health Sciences Division MASTER OF CEREMONY		

