

SCHEDULE OF ACTIVITIES

	DAY 1 Dec 6 (Mon)	DAY 2 Dec 7 (Tue)	DAY 3 Dec 8 (Wed)	DAY 4 Dec 9 (Thu)	DAY 5 Dec 10 (Fri)
AM	Flag Raising Ceremony Wreath Laying (Gen. F. Medina Monument) Thanksgiving Mass Opening Ceremonies Launch of Technical Exhibits			Technical Session	Awarding and Closing Ceremonies
PM	Virtual Presser	Technical Session	Philippine Nuclear Youth Summit		
Whole Day	Virtual Technical Exhibits and Tours				



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PROGRAMME OF ACTIVITIES

December 6, 2021

Emcee: Dr. Vallerie Ann I. Samson

Deputy Director, PNRI

PART I 8:30 AM – 10:00 AM

Flag Raising Ceremony

Wreath Laying at the monument
of Brig. Gen. Florencio A. Medina

Medina family with Dr. Carlo A. Arcilla and
PNRI Senior Staff

Thanksgiving Mass

PART II 10:00 AM – 12:00 NN

Doxology and Philippine National
Anthem

Rian Dal S. Victoriano & PNRI Chorale

Opening Remarks

Dr. Carlo A. Arcilla
Director, PNRI

Welcome Remarks

Dr. Preciosa Corazon B. Pabroa
Co-Chair, 49th AEW Executive Committee

Inspirational Messages

Hon. Sherwin T. Gatchalian*
Chairperson, Committee on Energy,
Philippine Senate

Hon. Pia S. Cayetano*
Chairperson, Committee on Health and
Demography, Philippine Senate

Hon. Leonor Magtolis Briones*
Secretary, Department of Education

Hon. Fortunato T. de la Peña
Secretary, Department of Science and
Technology

Hon. Jose Miguel R. De La Rosa*
Undersecretary, National Economic and
Development Authority

Intermission Number

PNRI Dance Troupe

*to be confirmed



PROGRAMME OF ACTIVITIES

December 6, 2021 | 1:00 PM

Moderator: Vallerie Ann I. Samson, PhD

Deputy Director, DOST-PNRI

Host: Framelia V. Anonas

Supervising Science Research Specialist, DOST-PNRI

PNRI Institutional Video

Welcome Remarks

Preciosa Corazon B. Pabroa, PhD

AEW Executive Committee Chairperson

Acknowledgment of Participating Media Friends

How Clean is the Air We Breathe?

Christian Mark G. Salvador, PhD

Balik Scientist

A Look into the Future of Nuclear Medicine in the Philippines

Thomas Neil B. Pascua MD, MHPed

S&T Fellow III

Introduction of the DOST-PNRI Senior Staff

Atoms At Work in 2021

Dr. Carlo Arcilla

DOST-PNRI Director

Q&A with Dr. carlo Arcilla and the Senior Staff with Balik Scientist and S&T Fellow

Closing Remarks

PROGRAMME OF ACTIVITIES

December 7

DAY 1

9:30 AM – 10:00 AM

OPENING

- Doxology and National Anthem
- Opening Remarks

Ms. Haydee Solomon

Chair, Technical Sessions Committee

10:00 AM – 11:00 AM

SESSION 1: NUCLEAR TECHNOLOGY FOR ENERGY AND INDUSTRY

Moderator: Patrick Jay Cabalar

- Introducing Nuclear Energy: An Unlimited and Clean Source of Energy
Dr. Carlo A. Arcilla
Director, DOST-PNRI
- Reoperation of the Philippine Research Reactor (PRR-1) through SATER
Mr. Ryan U. Olivares
Head, Nuclear Reactor Operations Section, DOST-PNRI
Dr. Alvie J. Asuncion-Astronomo
Associate Scientist, DOST-PNRI
- Radiation Processing of Polymer Materials and its Industrial Applications
Dr. Jordan F. Madrid
Head, Chemistry Research Section, DOST-PNRI
- Development of a Gamma-Computed Tomography Imaging Device for Industrial Applications
Dr. Vallerie Ann I. Samson
Deputy Director, DOST-PNRI
- Panel Discussion (Live Q&A)

11:00 AM – 12:00 NN

SESSION 2: NUCLEAR TECHNOLOGY FOR HEALTH AND MEDICINE

Moderator: Moderator: Dr. Custer Deocaris

- Expanding Accessible Nuclear Applications in Cancer Management: The PNRI PET/CT and Cyclotron Project
Dr. Thomas Neil B. Pascual
Science and Technology Fellow III, DOST-PNRI



- Future-Proofing Against the Threats of Transboundary Animal Diseases
Dr. Virginia M. Venturina
Director, Center for Transboundary Diseases and
Dean, Central Luzon State University
- Determining Radiosensitivity of Cancer Patients using Dicentric, Micronucleus, and Gene Expression Assays
Dr. Stephen Lowell Ciocon
Chief Resident, Jose R. Reyes Memorial Medical Center
- New Approaches and In Vivo Studies on the Mitigation of Ionizing Radiation Injury
Dr. Chitho P. Feliciano
Head, Health Physics Research Section, DOST-PNRI
- Panel Discussion (Live Q&A)

1:30 PM – 4:30 PM

**SPECIAL SESSION: NUCLEAR TECHNOLOGY RESEARCH
AND PERSPECTIVES FROM IAEA EXPERTS**

Moderator: Dr. Alvie Asuncion-Astronomo

- IAEA Technical Cooperation Program
Dr. Syahril Syahril
International Atomic Energy Agency
- Reactor Operation: Insights and Experience Sharing
Dr. Anze Jazbec
Jozef Stefan Institute
- Health Break
- Nuclear TECHNOlogy for Controlling Plastic Pollution (NUTEC Plastics)
Dr. Uwe Gohs
Institute of Lightweight Engineering and Polymer Technology, Technische Universität Dresden
- Nuclear Techniques in Food Authenticity
Dr. Simon Kelly
International Atomic Energy Agency



PROGRAMME OF ACTIVITIES

December 8, 2021

9:00 AM – 10:00 AM **OPENING PROGRAMME**

- Multi-faith Prayer & Philippine National Anthem
- Inspirational Messages
 - Dr. Carlo A. Arcilla**
Director, PNRI
 - Dr. Carlo A. Arcilla**
Undersecretary, DOST
 - Dr. Lena Andriolo**
President, International Youth Nuclear Congress (IYNC)
 - Dr. Jane Gerardo-Abaya**
Director for Asia and the Pacific, Department of Technical Cooperation, IAEA
- Welcome Remarks, Introduction to the Philippine Young Generation in Nuclear (PYGN) and Overview of Activities
 - Ms. Andrea Luz G. Nery**
Chair, AEW Youth Summit Committee & Officer, PYGN

10:00 AM – 12:00 NN **CAREER TALK**

- Dr. Vallerie Ann Samson**
Deputy Director, PNRI
- Ms. Shalaine Tatu**
Science Research Specialist, Health Physics Research Section, PNRI
- Dr. Angel Bautista**
Head of Nuclear Materials Research Section, PNRI
- Mr. Ronald Daryll Gatchalian**
Ph.D. Candidate, Texas A&M University

12:00 NN – 1:30 PM **LUNCH BREAK**



PROGRAMME OF ACTIVITIES

December 8, 2021

1:30 PM – 3:00 PM **YOUTH PANEL**

Ms. Chiari Cimeni

Project Loud and NuCLEAR from Philippine Science High School- Central Mindanao Campus

Mr. Carlo L. Plazo

Adamson University's Chemical Engineering Student's Society

Mr. Bill Llonard Resureccion

Philippine Institute of Chemical Engineers – Junior Saint Louis University Chapter

Mr. Juan Carlo Pagunsan

Alpas Pinas

Ms. Maria Teresa Atanacio

Valenzuela City School of Mathematics and Science

Mr. Kendrick Agapito

Philippine Science High School – Main Campus

3:00 PM – 4:30 PM **ONLINE PITCHING – NUCLEART 3.0 DIGITAL POSTER MAKING CONTEST**

4:30 PM – 5:00 PM **CLOSING PROGRAMME**

- Closing Remarks

Ms. Sarleen G. Castro

Co-Chair, AEW Youth Summit Committee

- Announcements
- Evaluation

PROGRAMME OF ACTIVITIES

December 9, 2021

DAY 2

9:30 AM – 10:30 AM

SESSION 1: NUCLEAR TECHNOLOGY FOR THE ENVIRONMENT AND AGRICULTURE

Moderator: Jerald Bongalos

- Radiation Grafted Abaca-polyester Toxic Metal Adsorbent
Mr. Patrick Jay E. Cabalar
Science Research Specialist I, Chemistry Research Section, DOST-PNRI
- Iodine-129 for reconstructing past nuclear impacts and tracing earth and environmental processes
Dr. Angel T. Bautista VII
Head, Nuclear Materials Research Section, DOST-PNRI
- Nutrient Source Apportionment and Monitoring of Natural Attenuation Processes using NATS and Stable Isotopes
Mr. Raymond J. Sucgang
Senior Science Research Specialist, Health Physics Research Section, DOST-PNRI
- Soil Carbon Management with Stable Isotopes for Sustainable Agriculture
Mr. Gerald P. Dicen
Senior Science Research Specialist, Agriculture Research Section, DOST-PNRI
- Panel Discussion (Live Q&A)

10:30 AM – 11:30 AM

SESSION 2: : NUCLEAR SAFETY, SECURITY AND SAFEGUARDS, RADIATION PROTECTION AND RADIOACTIVE WASTE MANAGEMENT

Moderator: Jeana Lee Sablay

- Cradle to Grave: Safe Management of Radioactive Waste
Engr. Ronald E. Piquero
Senior Science Research Specialist, Radiation Protection Services Section, DOST-PNRI



PROGRAMME OF ACTIVITIES

December 10, 2021 | 10:00 AM

Emcee: Dr. Preciosa Corazon B. Pabroa
Co-Chair, 49th AEW Executive Committee

Doxology

Inspirational Message

Awarding Ceremonies

AEW Awards

NucleART 3.0 : Digital Poster Making Contest Winners

Nuclear Video Making Contest Winners

Best Technical Exhibit Award

PNYS Winners

PNRI Awards

Academic Achievement Awards

Loyalty / Service Awards

PRAISE Awards

Closing Remarks

Dr. Vallerie Ann I. Samson
Deputy Director, PNRI