



Republic of the Philippines  
**Department of Education**

REGION I  
SCHOOLS DIVISION OF THE CITY OF BATAC

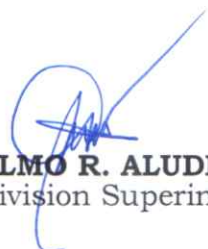
DIVISION MEMORANDUM  
No. 012, s. 2025

09 JAN 2025

**INVITATION TO THE 47<sup>TH</sup> ANNUAL NATIONAL PHYSICS SEMINAR WORKSHOP**

To: Assistant Schools Division Superintendent  
Chief Education Supervisors  
Unit and Section Heads  
Public Secondary School Heads  
All Others Concerned

1. Pursuant to Regional Office Memorandum Number 1669, s. 2024, the Philippine Physics Society (PSS) will be conducting the 47<sup>th</sup> Annual National Physics Seminar Workshop on March 25-28, 2025 at the Foundation University, Dumaguete City, Negros Oriental.
2. The activity aims to promote the importance of eco-conscious advancements through physics, fostering collaborations that benefit educators, students and society.
3. All public high school physics teachers of the Schools Division of the City of Batac are encouraged to attend the activity, provided that their participation does not interfere with the conduct of classes in schools and any regular functions and responsibilities.
4. Interested participants shall signify their intent to participate on or before February 10, 2025 (Monday) to the Schools Division Office through the Education Program Supervisor in Science.
5. Attached is Regional Office Memorandum No. 1669, s. 2024 for further details of the activity.
7. For information and guidance.

  
**ANSELMO R. ALUDINO**  
Schools Division Superintendent

Encl.: As stated  
Reference: Regional Office Memorandum No. 1669, s. 2024  
To be included in the Perpetual Index  
Under the following subject:

SCIENCE

BASIC EDUCATION

SEMINAR

GBL/DO-PHYSICS SEMINAR-WORKSHOP  
22418457/ January 7, 2025



DepEd Batac City



batac.city@deped.gov.ph



www.csdbatac.com

Asuncion Street, 16-S Quiling Sur,  
City of Batac, Ilocos Norte  
Telephone No.: (077) 677-1993



Republika ng Pilipinas  
**Department of Education**

SDCB RECORDS UNIT  
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Republic of the Philippines  
**Department of Education**  
REGION I

Department of Education  
Schools Division of the City of Batac  
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**REGIONAL MEMORANDUM**

No. 1669 s. 2024

**INVITATION TO THE 47<sup>TH</sup> ANNUAL NATIONAL PHYSICS SEMINAR-WORKSHOP**

To: Schools Division Superintendents

1. In reference to DepEd Memorandum DM-OUHROD-2024-2295, the Philippine Physics Society (PPS) shall be conducting the 47<sup>th</sup> Annual National Physics Seminar-Workshop on March 25-28, 2025 at the Foundation University, Dumaguete City, Negros Oriental.
2. The activity aims to promote the importance of eco-conscious advancements through physics, fostering collaborations that benefit educators, students, and society.
3. Public high school physics teachers are invited to attend the activity, provided that their participation does not interfere with the conduct of classes in schools and any regular functions and responsibilities.
4. For more information, all concerned may contact Mr. Brando A. Piñero, 2025 PPS Convention Director, Philippine Physics Society at cp number +639692037445 or through email at pinerobrando@yahoo.com or brando.pinero@foundationu.com.
5. For information, dissemination and guidance.

**TOLENTINO G. AQUINO**  
Director IV

Encl.: As stated  
Reference: DepEd Memo DM-OUHROD-2024-2295  
To be indicated in the Perpetual Index  
Under the following subjects:

PHYSICS                      SEMINARS/WORKSHOPS

CLMD/jdcjr/RM\_47thAnnualNationalPhysicsSeminarWorkshop  
December5, 2024



Doc. Ref. Code	RM-ORD	Rev	00
Effectivity	11.18.2024	Page	1 of 1







PHILIPPINE PHYSICS SOCIETY (PPS)  
FOUNDATION UNIVERSITY

# PPS

THEME: PHYSICS FOR ADVANCING  
ECO-FRIENDLY INNOVATIONS

47th

Annual National Physics Seminar-  
Workshop/Convention

38th

National Physics Olympics

33rd

National Physics Fair

FOUNDATION UNIVERSITY DUMAGUETE CITY  
NEGROS ORIENTAL

Pre-register here

For more information contact



<https://forms.gle/tYrW56LMcRMpjDzk7>



**Brando A. Piñero, MS**  
2025 PPS Convention Director  
[pinerobrando@yahoo.com](mailto:pinerobrando@yahoo.com)

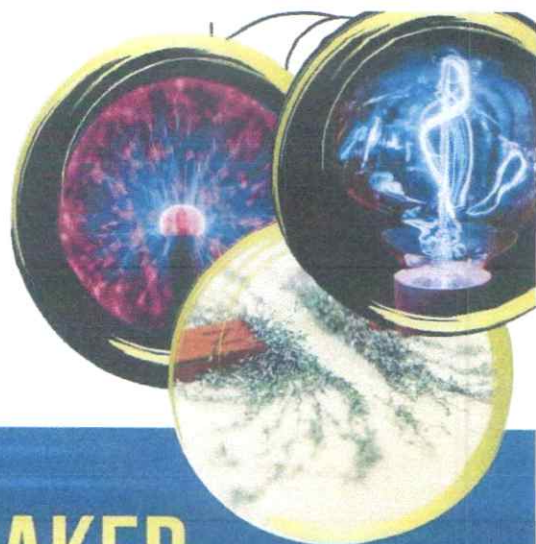


[philippinephysicsociety.org](http://philippinephysicsociety.org)



Philippine Physics Society





PHILIPPINE PHYSICS SOCIETY (PPS)  
FOUNDATION UNIVERSITY

## MEET THE KEYNOTE SPEAKER



**DR. HOPE MAXINO BANDAL**

Dr. Bandal graduated valedictorian in elementary school (Dumaguete West Central School) and valedictorian in high school (Negros Oriental High School, Class of 1967). She finished her BS Physics degree, cum laude, and MS Physics (with grade equivalent of magna cum laude), both from the University of San Carlos in Cebu City, and her Ph.D., Benemeritus, from the University of Santo Tomas.

After finishing her master's degree, Dr. Bandal was one among the group of young physics teachers who under the leadership of Dr. Gerardo Maxino, participated in that first meeting which laid the foundation for the founding of the Philippine Physics Society. The year was 1974, 51 years ago.

Dr. Bandal was full professor and chairperson of the Physics Department of Silliman University, from where she retired in 2015. Between finishing her bachelor's degree and retirement, she had taught physics at the University of San Carlos, Foundation University, De La Salle University in Manila, and the University of Santo Tomas.

While at Silliman, Dr. Bandal taught in both the Physics Department and the Graduate Studies Program. She served as editor-in-chief of three volumes of *Convergence*, a multidisciplinary journal of the S.U. College of Arts and Sciences and at the same time, was also an editor of our very own *Philippine Physics Journal* of the Philippine Physics Society. She was also a member of the Editorial Board of *Silliman Journal*.

Dr. Bandal has authored several scientific articles which had been published in the *Philippine Physics Journal*, *Philippine Scientist*, *Convergence*, *Silliman Journal*, *Maxinian Journal*, *Philippine Journal of Arts and Sciences*, and *Proceedings of the International Conference on Physics Education for Development*. She has lectured in various physics conventions and received numerous academic awards.

Dr. Bandal was a member of the Board of Trustees of Central Visayas Polytechnic College (CVPC), now Negros Oriental State University (NORSU), from 1991 to 2000, during which period CVPC underwent rapid progress in terms of courses offered, faculty, and physical facilities. This progress laid the groundwork for CVPC's conversion into a state university (NORSU) in 2004.

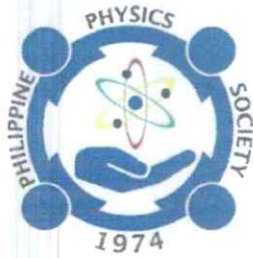


[philippinephysicsociety.org](http://philippinephysicsociety.org)



Philippine Physics Society





PHILIPPINE PHYSICS SOCIETY (PPS)  
FOUNDATION UNIVERSITY

# PPS 33RD NATIONAL PHYSICS FAIR

The Physics Fair will present investigatory physics projects by students and teachers in all levels. No monetary prizes are involved; however, Certificates of Merit will be awarded to deserving entries. Three hard copies of the entry should be submitted by mail or in person to the undersigned not later than March 23, 2025. The physics fair also welcomes exhibits of instructional materials (equipment, modules, etc.), pictorials, and posters.

**FOUNDATION UNIVERSITY DUMAGUETE CITY  
NEGROS ORIENTAL**

Overall Chair



**Mario P. Obrero, Ph.D**

Physics Department  
University of Northern Philippines



[philippinephysicsociety.org](http://philippinephysicsociety.org)



Philippine Physics Society





PHILIPPINE PHYSICS SOCIETY (PPS)  
FOUNDATION UNIVERSITY

# PPS

## 47TH ANNUAL NATIONAL PHYSICS SEMINAR-WORKSHOP/CONVENTION

The seminar/workshop-convention will feature lectures, workshops, short courses, equipment construction and utilization, and exhibits. Physics teachers, physicists, industry practitioners, and physics enthusiasts are invited to contribute research papers, lectures, workshops, or demonstrations or to share their classroom/industry experience. An abstract or description of the presentation (not exceeding half of an 8½" x 11" page, single-spaced) should be received not later than February 14, 2025 by **Dr. Gerardo C. Maxino, Physics Department, Maxino College, 6200 Dumaguete City** (email: **gerardomaxino@yahoo.com** or scan the QR code below to submit. For new PPS presenters, a one-paragraph profile should accompany the abstract. For collaborative work, the presenter should be clearly indicated by an underline.

FOUNDATION UNIVERSITY DUMAGUETE CITY  
NEGROS ORIENTAL

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<https://forms.gle/op4dKSVUWMCffo59>

For more information contact



**Brando A. Piñero, MS**

2025 PPS Convention Director  
pinerobrando@yahoo.com

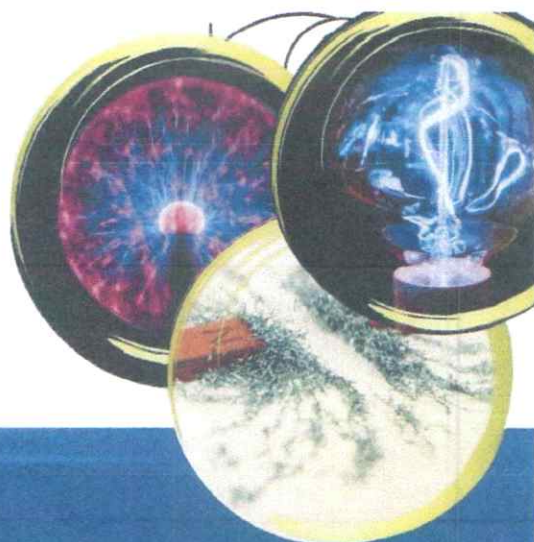


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Philippine Physics Society





PHILIPPINE PHYSICS SOCIETY (PPS)  
FOUNDATION UNIVERSITY

# PPS

## 38TH NATIONAL PHYSICS OLYMPICS

The Physics Olympics will involve the application of physics principles and use of creativity in activities/contests like **paper tower, egg drop, egg transport, large barge, super magnet, bamboo bridge, master robot, water rocket, and paper airplane**. There are three separate categories: teachers/professionals, college students, and high school students. The PPS Physics Olympics Manual is available online at <http://philippinephysicsociety.org> or scan the QR code below. In this convention only the regular olympics will be conducted.

**FOUNDATION UNIVERSITY DUMAGUETE CITY  
NEGROS ORIENTAL**

Scan and Download  
PPS Physics Olympics Manual



National Facilitator



**Ryan G. Tubog, MS**

Cebu Technological University - Main  
Campus, Cebu City



[philippinephysicsociety.org](http://philippinephysicsociety.org)



Philippine Physics Society





**PHILIPPINE PHYSICS SOCIETY (PPS)**  
**47th Annual National Physics Seminar-Workshop/Convention**  
**38<sup>th</sup> National Physics Olympics**  
**33<sup>rd</sup> National Physics Fair**  
**March 25-28, 2025**  
**Foundation University**  
**Dumaguete City, Negros Oriental**



**Theme: PPS@51: Physics for Advancing Eco-Friendly Innovations**

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**ANNOUNCEMENT/INVITATION**

Physicists, college and high school physics teachers, physics students, as well as research and development personnel in industry, are invited to participate in the **47<sup>th</sup> Annual National Physics Seminar-Workshop/Convention** with the theme "**PPS@51: Physics for Advancing Eco-Friendly Innovations**" to be held on **March 25-28, 2025** at **Foundation University Dumaguete City, Negros Oriental**. The seminar/workshop-convention incorporates the **38<sup>th</sup> National Physics Olympics** and the **33<sup>rd</sup> National Physics Fair**. The Convention Director is **Mr. Brando A. Piñero** of Foundation University.

The seminar/workshop-convention will feature lectures, workshops, short courses, equipment construction and utilization, and exhibits. Physics teachers, physicists, industry practitioners, and physics enthusiasts are invited to contribute research papers, lectures, workshops, or demonstrations or to share their classroom/industry experience. An abstract or description of the presentation (not exceeding half of an 8½" x 11" page, single-spaced) should be received not later than **February 14, 2025** by **Dr. Gerardo C. Maxino, Physics Department, Maxino College, 6200 Dumaguete City** (email: [gerardomaxino@yahoo.com](mailto:gerardomaxino@yahoo.com)). For new PPS presenters, a one-paragraph profile should accompany the abstract. For collaborative work, the presenter should be clearly indicated by an underline.

The Physics Olympics will involve the application of physics principles and use of creativity in activities/contests like paper tower, egg drop, egg transport, large barge, super magnet, bamboo bridge, master robot, water rocket, and paper airplane. There are three separate categories: teachers/professionals, college students, and high school students. The PPS Physics Olympics Manual is available online at <http://philippinephysicsociety.org>. In this convention only regular physics olympics will be conducted.

The Physics Fair will present investigatory physics projects by students and teachers in all levels. No monetary prizes are involved; however, Certificates of Merit will be awarded to deserving entries. Three hard copies of the entry should be submitted by mail or in person to **Mr. Brando A. Piñero- Convention Director** not later than **March 25, 2025**. The physics fair also welcomes exhibits of instructional materials (equipment, modules, etc.), pictorials, and posters.

**The participant's contribution is P3000 in CASH only, with official receipt provided by Foundation University.** This will help defray expenses for seminar kit, certificates, snacks, Philippine Physics Journal, one dinner and membership and organizational matters.

Requests for reservations/accommodations or travel information should be addressed to the Convention Director: **Mr. Brando A. Piñero, Foundation University, Dumaguete City, Negros Oriental**; email: [pinerobrando@yahoo.com](mailto:pinerobrando@yahoo.com) or [brando.pinero@foundationu.com](mailto:brando.pinero@foundationu.com).

Some equipment and printed materials may be available during the convention, starting at **P300**. If the **CPD units**, currently being applied for by Foundation University, are approved, participants who wish to apply for CPD units will need to pay an additional **P150**.

**Articles or notes for the Philippine Physics Journal Vol 47 2025 should reach the undersigned not later than March 29, 2025.** Contributions may deal with research, instruction/education, physics and society, apparatus construction, laboratory experiment, literature or equipment review, and computational physics. Contributions may be submitted as email attachment to [gerardomaxino@yahoo.com](mailto:gerardomaxino@yahoo.com). Preferably, they should be in two columns, single-spaced, with font size comparable to 12 pts Times New Roman, 8½" x 11" page with 1" margin all-around, black and white illustrations, not more than 10 pages, in two versions: [Libre/Open Office (i.e. Ubuntu) or Microsoft Word (doc)] and pdf. Contributions should not have been previously published or submitted for publication elsewhere. All submissions go through the processes of refereeing and editing. Contributions received late or unable to complete the refereeing and editing process in time for publication will not be considered.

For more information, please visit the PPS official website: <http://philippinephysicsociety.org>.

  
**GERARDO C. MAXINO, Ph D**  
**National President, PPS**

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**ANNUAL NATIONAL CONVENTION HOSTS:** SILLIMAN UNIVERSITY (1979, 1982, 1997, 2002, 2011), FOUNDATION UNIVERSITY (1979, 1982, 2025), UNIVERSITY OF SAN CARLOS (1980, 1991, 1998, 2017), MINDANAO STATE UNIVERSITY – ILIGAN INSTITUTE OF TECHNOLOGY (1981), XAVIER UNIVERSITY (1983, 2010), UNIVERSITY OF NEGROS OCCIDENTAL – RECOLETOS (1984, 1993), ST. PAUL UNIVERSITY – DUMAGUETE (1985), CENTRAL PHILIPPINE UNIVERSITY (1986, 1995), FATHER SATURNINO URIOS UNIVERSITY (1987, 2000, 2007), DIVINE WORD UNIVERSITY (1988), CENTRAL MINDANAO UNIVERSITY (1989, 2016), VISAYAS STATE UNIVERSITY (1990), HOLY NAME UNIVERSITY (1992, 2001), UNIVERSITY OF EASTERN PHILIPPINES (1994), ATENEO DE DAVAO UNIVERSITY (1996, 2004, 2013, 2018), LICEO DE CAGAYAN UNIVERSITY (1999), SAMAR STATE UNIVERSITY (2003), UNIVERSITY OF BAGUIO (2005), AKLAN STATE UNIVERSITY (2006), SIQUIJOR STATE COLLEGE (2008, 2024), CENTRAL BICOL STATE UNIVERSITY OF AGRICULTURE (2009), COLEGIO DE SAN JUAN DE LETRAN – CALAMBA (2012), MAXINO COLLEGE (2014, 2019), UNIVERSITY OF NORTHERN PHILIPPINES (2015).  
**LUZON CONFERENCE HOSTS:** ADAMSON UNIVERSITY (2002), MAPUA (2003), TECHNOLOGICAL UNIVERSITY OF THE PHILIPPINES (2005), COLEGIO DE SAN JUAN DE LETRAN – CALAMBA (2007).





**PHILIPPINE PHYSICS SOCIETY (PPS)**  
**47th Annual National Physics Seminar-Workshop/Convention**  
**38<sup>th</sup> National Physics Olympics**  
**33<sup>rd</sup> National Physics Fair**  
**May 25-28, 2025**  
**Foundation University**  
**Dumaguete City, Negros Oriental**



Theme: **PPS@51: Physics for Advancing Eco-Friendly Innovations**

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## Program of Activities

**Day 1, March 25**

**Morning**

7:00 **REGISTRATION** (Venue: Sofia Sinco Hall)

9:00 **Participants and Guest Assemble** (Venue: Sofia Sinco Hall)

9:30 **Opening Program** (Venue: Sofia Sinco Hall)

Invocation

The Philippine National Anthem

FU Hymn

Words of Welcome

Dr. Charlotte Carino  
Chancellor  
Foundation University

Introduction of Participants

Mr. Peter Macabinguil  
Dean CAS

Message of PPS President

Dr. Gerardo C. Maxino  
PPS President

Intermission Number

FU dancers/Buglas Sayaw

Introduction of Keynote Speaker

Dr. Raymund Vizcara  
Physics Department, Ateneo  
de Davao

Keynote Address

Dr. Hope Bandal  
Physics Department, Maxino  
College

Giving of Plaque of Appreciation

Dr. Gerardo C. Maxino  
PPS President



Mr. Brando A. Piñero  
PPS Convention Director

Dr. Charlotte V. Carino  
Chancellor  
Foundation University

Mr. Peter Macabinguil  
Dean CAS

Dr. Erlinda N. Calumpang  
Dean CE

Dr. Romario P. Ybañez  
Dean Graduate School

Giving of PPS Awards

Dr. Gerardo C. Maxino  
Mr. Brando A. Piñero  
Dr. Charlotte V. Carino  
Mr. Peter Macabinguil  
Dr. Romario P. Ybañez  
Dr. Erlinda N. Calumpang

Convention Orientation

Mr. Brando A. Piñero  
PPS 2025 Convention Director

Hosts: Angela Bacang MAED and Mick Ian Cornelia, JD  
Foundation University , College of Arts and Sciences

12:00 Lunch Break

**Afternoon**

1:00

**Parallel Sessions**

SC107 - Physics Laboratory  
SC105 - MicroBiology Laboratory  
Sc106- Chemistry Laboratory  
Blue AVR  
Gray AVR  
Yellow AVR  
Maroon AVR  
(see SCHEDULE OF PARALLEL SESSIONS)

Ma. Chona Z. Futralan, Ph.D  
CAS FU Mathematics  
Department

**Day 2, March 26**

**Morning**

8:00

**Parallel Sessions**

SC107 - Physics Laboratory  
SC105 - MicroBiology Laboratory



	Sc106- Chemistry Laboratory Blue AVR Gray AVR Yellow AVR Maroon AVR (see SCHEDULE OF PARALLEL SESSIONS) Lunch Break	Ma. Chona Z. Futralan, Ph.D (National Facilitator) CAS FU Mathematics Department
12:00 <b>Afternoon</b> 1:30	Physics Fair: Investigatory Projects @JBH	Mario P. Obrero, Ph.D (National Facilitator) Physics Department University of Northern Philippines
5:00	Fellowship Party @Sofia Sinco Hall  Business meeting	PPS Council Members

**Day 3, March 27**

**Morning**

8:00

**Parallel Sessions**

SC107 - Physics Laboratory  
SC105 - MicroBiology Laboratory  
Sc106- Chemistry Laboratory  
Blue AVR  
Gray AVR  
Yellow AVR  
Maroon AVR  
(Refer to SCHEDULE OF PARALLEL  
SESSIONS)  
Lunch Break

Ma. Chona Z. Futralan, Ph.D  
(National Facilitator)  
CAS FU Mathematics  
Department

12:00

**Afternoon**

1:30

**Regular Physics Olympics**

Ryan Tubog, MS  
(National Facilitator)  
Faculty, Cebu Technological  
University - Main Campus

**Day 4, March 28**

**Morning**

8:00

**Parallel Sessions**

SC107 - Physics Laboratory  
SC105 - MicroBiology Laboratory  
Sc106- Chemistry Laboratory  
Blue AVR  
Gray AVR

Ma. Chona Z. Futralan, Ph.D  
(National Facilitator)  
CAS FU Mathematics  
Department



Yellow AVR  
Maroon AVR  
(see SCHEDULE OF PARALLEL SESSIONS)

10:30 -12:00

**Closing Ceremony**  
Impressions  
Awarding of Certificates

**Afternoon**

1:00-5:00

Tour  
@EDC  
and @Pulang Bato Valencia

Josefino Larena  
(National Facilitator)  
Guest Lecturer

**Note:**

1. Wear your conference I.D all the time.
2. Always present your snack/lunch ticket to collect your food.
3. Put all waste materials in proper designated places or wait for the facilitators to collect them.





PHILIPPINE PHYSICS SOCIETY (PPS)  
FOUNDATION UNIVERSITY

# PPS

THEME: PHYSICS FOR ADVANCING  
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FOUNDATION UNIVERSITY DUMAGUETE CITY  
NEGROS ORIENTAL

Pre-register here

For more information contact



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2025 PPS Convention Director  
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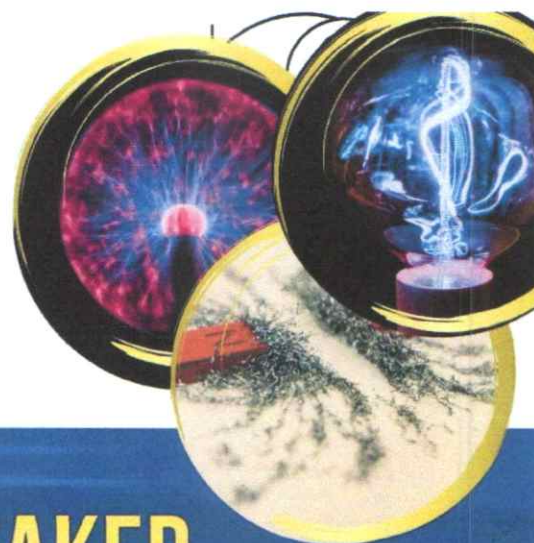


[philippinephysicsociety.org](http://philippinephysicsociety.org)



Philippine Physics Society





PHILIPPINE PHYSICS SOCIETY (PPS)  
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## MEET THE KEYNOTE SPEAKER



**DR. HOPE MAXINO BANDAL**

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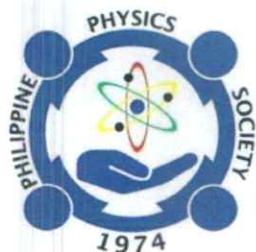


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Philippine Physics Society





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# PPS 33RD NATIONAL PHYSICS FAIR

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**FOUNDATION UNIVERSITY DUMAGUETE CITY  
NEGROS ORIENTAL**

Overall Chair



**Mario P. Obrero, Ph.D**

Physics Department

University of Northern Philippines



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Philippine Physics Society





PHILIPPINE PHYSICS SOCIETY (PPS)  
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For more information contact



**Brando A. Piñero, MS**

2025 PPS Convention Director  
[pinerobrando@yahoo.com](mailto:pinerobrando@yahoo.com)



[philippinephysicsociety.org](http://philippinephysicsociety.org)



Philippine Physics Society





PHILIPPINE PHYSICS SOCIETY (PPS)  
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# PPS

## 38TH NATIONAL PHYSICS OLYMPICS

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PPS Physics Olympics Manual



National Facilitator



**Ryan G. Tubog, MS**  
Cebu Technological University - Main  
Campus, Cebu City



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Philippine Physics Society