



# UNIVERSITY OF THE PHILIPPINES BAGUIO UP MATH – PHYSICS SOCIETY

Gov. Pack Road, Baguio City 2600 Philippines

13<sup>th</sup> of September 2017

**DR. FEDERICO P. MARTIN, CESO VI**  
*Schools Division Superintendent*  
*Department of Education – Division of Baguio City*  
*2600 Baguio City Philippines*

To: All School Administrators, Principals, & Teachers In-Charge  
(Elementary & Secondary)  
FOR YOUR INFORMATION & APPROPRIATE ACTION  
  
FEDERICO P. MARTIN, Ed.D, CESO VI  
*Schools Division Superintendent*

Dear Dr. Martin:

Greetings!

The **University of the Philippines Math-Physics Society** is an organization of students who share a common vision of promoting student's interest in Mathematics and Physics. In its 41 years of living up to this vision with great success, it has spearheaded countless activities geared toward advancing the awareness and appreciation of students of the City of Baguio and neighboring regions on the fields of Mathematics and Physics.

A noted activity of the UP Math-Physics Society is the **Annual Math-Physics Interschool Quiz Show**, a yearly challenge to high school students to compete with the best of the local schools in a battle over proficiency in Mathematics and Physics. In its staging of the society's 29<sup>th</sup> Annual Math-Physics Interschool Quiz Show on the 3<sup>rd</sup> of February 2018, 7:00 AM – 3:00 PM at the Baguio Convention Center, we are motivated in extending the scope of participants of the said activities not only to local students but also to brilliant students from the different regions of Luzon.

In connection to this, we humbly ask that you endorse the participation of your division's schools. Moreover, we would like to request a copy of a list of the schools of your region with their contact information, and a copy of the endorsement letter from your office.

Thank you very much and we look forward to your positive response regarding our request.

Respectfully Yours,


  
**NADINE E. TALAVERA**  
*Chairperson, 29<sup>th</sup> AMPIQS Luzonwide*

Noted:  
  
**PROF. EDNA N. GUECO**  
*Math Faculty Adviser*

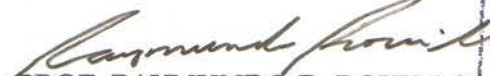
  
**MS. CARLISLE AURABELLE M. CASUGA**  
*Physics Faculty Adviser*

Recommending Approval:

  
**MR. CHRISTIAN EZEKIEL M. FAJARDO**  
*Students Relations Officer, UP Baguio*

  
**DR. ERLINDA C. PALAGANAS**  
*Director for Student Affairs, UP Baguio*

Endorsed/ Approved:

  
**PROF. RAYMUNDO D. ROVILLOS, Ph. D.**  
*Chancellor, UP Baguio*

To: All School Administrators, Principals, & Teachers In-Charge  
(Elementary & Secondary)  
FOR YOUR INFORMATION & APPROPRIATE ACTION  
  
FEDERICO P. MARTIN, Ed.D, CESO VI  
*Schools Division Superintendent*

The following are the official contact persons:  
**NADINE E. TALAVERA**  
*Vice President, UP Math – Physics Society*  
0909-308-1421  
[escalernadine@gmail.com](mailto:escalernadine@gmail.com)

**KRISHA KAI A. CADANGEN**  
*External Affairs Committee Chairperson, UP Math – Physics Society*  
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42 Years of Excellence

# UNIVERSITY OF THE PHILIPPINES BAGUIO UP MATH – PHYSICS SOCIETY

Gov. Pack Road, Baguio City 2600 Philippines

18<sup>th</sup> of September 2017

The PRINCIPAL/Officer-in-Charge

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Sir/Ma'am:

Greetings!

The UP Math-Physics Society, on its 42<sup>nd</sup> year with its guiding principle of promoting mathematics and physics, presents you its **29<sup>th</sup> Annual Math-Physics Interschool Quiz Show - Luzonwide**. This activity serves as our way to identify and encourage Mathematics- and Physics-inclined students across Luzon, to foster enthusiasm in Mathematics and Physics, to minimize the negative attitude of students/individuals towards Mathematics and Physics and to develop friendly competition among the participants.

In view of this, we cordially invite your school to participate in the said event on **February 3, 2018, 7:00am to 4:00pm, at the Baguio Convention Center**. The quiz show is comprised of two categories: individual and team, which will be composed of three persons; your representative in the individual category can also join the team. You can send at most three representations per category. **The competition is both open to junior and senior high school students**. We encourage your school to send a faculty member to supervise your students. For the activity to be convenient, we request that you submit the names of your students who will be attending the said activity **on or before January 27, 2018, 5:00 PM**. Schools who would be confirming on or before the due date would be given the privilege of paying a registration fee of **P100.00** per participant and **P150.00** per participant will be collected for walk-in participants. For payments of early registration, you can deposit it to the following accounts: **BPI- Jericho Villon Narvasa – 9719190003** and **BDO – Charis Grace D. Bayla – 5210 6902 1968 2633**. Do send us a scanned copy of the deposit slip upon confirming your participation through our e-mail. The registration for walk-ins will start at 7:00 AM at the Baguio Convention Center.

For inquiries, you may contact us through the contact persons stated below or through our e-mail: **upmathphysicsociety@gmail.com**. Please always check our Facebook page for announcements: **Annual Math-Physics Interschool Quiz Show Luzonwide**.

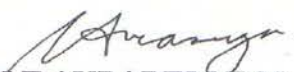
We are eager to see you on our 29<sup>th</sup> Annual Math-Physics Interschool Quiz Show - Luzonwide. Thank you very much!

Respectfully yours,

for   
**NADINE E. TALAVERA**, UP Math-Physics Society  
Chairperson, 29<sup>th</sup> AMPIQSL

Noted:

  
**PROF. EDNA N. GUECO**  
Math Faculty Adviser, UP Baguio

  
**MS. CARLISLE AURABELLE M. CASUGA**  
Physics Faculty Adviser, UP Baguio

THE FOLLOWING ARE THE OFFICIAL CONTACT PERSONS:

**NADINE E. TALAVERA**  
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Gov. Pack Road, Baguio City 2600 Philippines

## 29<sup>TH</sup> ANNUAL MATH-PHYSICS INTERSCHOOL QUIZ SHOW LUZONWIDE

03 February 2018 | 7:00 am – 4:00 pm | Baguio Convention Center

### *Time Frame*

7:00 am - 8:00 am	Registration
8:00 am – 8:30 am	Invocation
	Philippine National Anthem
	Welcoming Remarks
	Acknowledgement of Guests and Participants
	Quiz Show Prelude
	Introduction of the Grievance Committee
8:30 am – 11:00 am	Quiz Show Proper
	Elimination Round for Individual Category and Group Category
11:00 am – 12:30 pm	B R E A K
12:30 pm – 3:00 pm	Quiz Show Proper
	Final Round for Individual Category and Group Category
	Clincher Round (if the need arises)
3:00 pm -4:00 pm	Acknowledgement of Sponsors
	Presentation of Tokens and Certificates of Appreciation
	Awarding Ceremony
	Closing Remarks





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## 29<sup>TH</sup> ANNUAL MATH-PHYSICS INTERSCHOOL QUIZ SHOW-LUZONWIDE

### Quiz Show Information

#### Objectives:

1. To foster enthusiasm in Mathematics and Physics
2. To minimize the negative attitude of students towards Mathematics and Physics
3. To identify and encourage Mathematics and Physics-inclined students
4. To develop friendly competition among the participants

#### Scope:

1. General Mathematics – Algebra, Trigonometry, Elementary Calculus, Geometry and Statistics, Elementary Number theory
2. Physics – Fundamental Physics (Mechanics, Optics, Electronics, Atomic Physics, Astronomy)

#### Rules and Guidelines:

1. The quiz will be divided into two categories, the Team Category and Individual Category. Each category will have two rounds: an Elimination round and a Final round.
2. Each participating school shall have one (1) representative for the individual Category and a lineup composed of three (3) members to compete for the Team Category. Each team shall have a designated team captain. The student who represents his/her school for the individual may also be one of the three representatives for the school's Team Category entry.
3. There will be twenty (20) questions for the elimination round; (6) easy, (7) average and (7) difficult. Fifteen (15) questions for the final round; (7) average and (8) difficult. The questions in each round would be distributed as 40% Physics and 60% Mathematics.
4. Questions would include objective (i.e. fill in the blanks, true or false, multiple choice) and problem solving types of questions. Each question would have corresponding points and time limits to be set according to their difficulty.
5. The corresponding score and time allotment for each question will be 2 points for 20 seconds for the easy round, 3 points for 45 seconds for the average and 5 points for 60 seconds for the difficult round. Wrong answer will merit no point. The questions will be repeated only once. The time allotted to answer each question starts after the second reading of the question. Answers are to be written on slates provided at the start of the contest proper.





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6. NO calculators are allowed. Answers such as  $n$ ,  $e$ , roots, and functional values of  $\log$ ,  $\ln$ , and circular functions (i.e  $\sin$ ,  $\cos$ ,  $\tan$ ) can be left as is, except when specified.
7. Answers must be complete. Answers that are not whole numbers must be rounded off to the nearest hundredths unless specified. Correct units should be indicated. Failure to supply complete answers (i.e rounded-off and with correct units) would mean no points.
8. Deduction of points equivalent to the current question's point-merit will be executed if any team or individual is caught getting signals and answers from the audience. The erring member/s of the audience will then be asked to leave the venue by member-marshals.
9. The cumulative system of scoring shall be applied. This means that for each correct answer, the team/individual gets the corresponding number of points, and added to the previous score.
10. In case of a tie, decisive factor questions will be asked.
11. The top ten (10) participants after the elimination round will qualify for the final round. After the elimination round however, the qualifying school's score is reset to zero.
12. A Grievance Committee who will check the questions and will serve as judges for the quiz show will be composed of faculty members of the Mathematics and Physics Disciplines of the College of Science UP Baguio.
13. All complaints, protest or queries should be forwarded directly and immediately to the Grievance Committee by the individual contestant or the team's designated team captain.
14. Every decision of the Grievance Committee is to be considered final and absolute.
15. Other important rules will be announced before the competition begins.

