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2018 – 2019**

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Philippine Astronomical Society, Inc.

8th Floor Semicon Corporate Building, 50 Marcos Highway,
Brgy. Dela Paz, Pasig City
www.philastronomy.org

*Propelling Astronomy Education Toward the Achievement of Scientific Excellence
Among Filipinos*

January 7, 2019

DIOSDADO M. SAN ANTONIO
Director
Office of the Regional Director
Department of Education
Region IV – CALABARZON

Sir:

Greetings!

The Philippine Astronomical Society (PAS) is a non-stock, non-profit organization committed in propelling astronomy education toward the achievement of scientific excellence among Filipinos. For more than forty (40) years now, the Society has continuously strived to organize projects, lectures and urban astronomy that would advance the awareness and appreciation of astronomy among Filipinos and the general public.

Having been mandated under Proclamation No. 130 s. 1993, declaring the third week of February of every year as the National Astronomy Week, the Society together with Philippine Atmospheric Geophysical and Astronomical Services Administration will conduct series of activities.

In line with this, we would like to invite schools in CALABARZON, both public and private to be part of these activities on February 16-23, 2019 in San Beda University Manila. Registration in these events is free of charge.

Attached here are the details of the activities for the National Astronomy Week 2019 with the letter of invitation for the principal and science department head.

Should you feel the need for clarification, please feel free to notify us immediately so we can explain them to you at the place and time of your convenience. You may also contact us via email through pasnaw2019@gmail.com.

Your favorable response to this invitation is a testament of your wholehearted support to the society's mission.

Thank you very much.

Sincerely,

Kashogi Walter D. Astapan
President
Philippine Astronomical Society, Inc.

*To: SDSS
For your approval
action please
pursuing
9 Jan 2019*

TO: **All Concerned Personnel**

January 16, 2019

*For your information, guidance and approval as attendance to
any activity of school-based personnel and learners is within your discretion.
For Official Time Only. No Government / School Funds shall be used.*

CHERRYLOU D. REPIA
Schools Division Superintendent



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Thank you very much.

Sincerely,

Kashogi Walter D. Astapan
President
Philippine Astronomical Society, Inc.

RECEIVED
1/14/19
BY: 6-258 TIME: 5:11

70-SDSS
For your signature
action, please
publish and blast!
9 Jan 2019



Philippine Astronomical Society, Inc.

8th Floor Semicon Corporate Building, 50 Marcos Highway,

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"Propelling Astronomy Education Toward the Achievement of Scientific Excellence Among Filipinos"

National Astronomy Week 2019

February 16- 23, 2019

SCHEDULE OF ACTIVITIES		
DAY 0 February 16	SOFT OPENING – San Beda University	
	ASTRO COMPETITIONS	
	Free Registration	
	TIME	ACTIVITY
	7:00	Registration
	8:00	Opening Program
	9:00	Simultaneous Activities: AstroQuiz PosterMaking Contest ES&JHS Astrophotography AstroInfomercial Video AstroInfographics
	12:00	LUNCH
	13:30	Lecture/Celestial Update
	14:30	Photo Op
	14:30	Awarding
	15:30	End of DAY 0
DAY 7 February 23	CLOSING – San Beda University	
	EARTH AND OUTER SPACE SYMPOSIUM	
	Free Registration	
	TIME	ACTIVITY
	13:00	Registration
	13:30	Opening Program
	14:00	Lecture Session
	17:00	End of DAY 7





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DAY 0 – Soft Opening

February 16, 2019

San Beda University

MECHANICS

Events: AstroQuiz, AstroInfomercial Video, Astrophotography, AstroInfographics, and On-the-Spot Poster Making Contest

AstroQuiz

1. ELIGIBILITY GUIDELINES

- 1.1. AstroQuiz 2019 is open to all bonafide junior high school (JHS) and senior high school (SHS) students.
- 1.2. A participating school may send a maximum of **ONE (1) team** composed of three (3) eligible students to register and join the competition.

2. REGISTRATION:

- 2.1. The registration is free of charge. Registration forms are available at this link:
<https://www.philastro society.org/naw2019-contests>
- 2.2. Deadline of registration is on February 6, 2019.

3. GENERAL GUIDELINES

- 3.1. An official coach should accompany the team during the competition.
- 3.2. Each contestant must wear their **complete school uniform** during the day of competition.
- 3.3. Only the **non-programmable scientific calculators** are allowed during the contest proper.
- 3.4. Any form of cheating **caught by the organizers and facilitators** disqualifies the entire team from the round and thus the whole competition.
- 3.5. Only the **contestants** may raise concerns to the board of judges **before** the next item is flashed. However, the decision of the board is final and irrevocable.
- 3.6. No replacements shall be allowed once the AstroQuiz has started. However, substitution of registered participants due to valid reasons will be allowed provided that the replacement satisfies the eligibility guidelines and a document signed by the official coach is submitted.
- 3.7. The organizing committee reserves the right to amend the rules and mechanics when deemed necessary. The participants and coaches shall be informed regarding the said amendments.

4. CONTEST MECHANICS

- 4.1. The competition shall be composed of two (2) rounds: (1) Elimination and (2) Final.
 - 4.1.1. Elimination Round
 - 4.1.1.1. This round will feature a **written exam** consisting of 50-item multiple-choice covering the topics in general astronomy, astrophysics, observational astronomy, rocket science, cosmology, and related current events.
 - 4.1.1.2. The written exam is given **individually** and the participants are given **90 minutes** to finish the exam.
 - 4.1.1.3. The team score will be computed as the **sum of the accumulated scores** of each team members.
 - 4.1.1.4. The **top ten (10) schools** with the highest accumulated score will advance to the final round.
 - 4.1.2. Final Round
 - 4.1.2.1. This is a board-raising type test in which the answer will be written on the board (to be provided) along with the corresponding time limit.
 - 4.1.2.2. Only **one** non-programmable calculator per team is allowed.
 - 4.1.2.3. The questions will be flashed on the screen and read by the quiz master **twice**. The team is allowed writing their final answer **only after they hear the word "Go"**. Any team caught writing before the word "Go" will be given a warning. Three (3) warnings will automatically eliminate the team.
 - 4.1.2.4. Team should write the answer legibly.
 - 4.1.2.5. For problem solving questions, the team is allowed to start their calculations only **after the 1st reading**.



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- 4.1.2.6. The test on this round is divided into easy, average and difficult questions.
- 4.1.2.7. **Easy round** is composed of **10 questions**. Questions may be in the form of multiple-choice, or identification. An allotted time of 10 seconds is given per item for this round. **1 point** shall be given for every correct answer.
- 4.1.2.8. **Average round** is composed of **10 questions**. Questions may be in the form of multiple-choice, identification or problem-solving. There will be an allotted **20 seconds or more** depending on the type on question. **3 points** shall be given for every correct answer.
- 4.1.2.9. **Difficult round** is composed of **10 questions**. Questions may be in the form of identification or problem-solving. An allotted of a maximum of 3 minutes is given for each item. **5 points** shall be given for every correct answer.
- 4.1.3. The team score is the sum of the score accumulated to from the 3 rounds. The team score will be ranked. In case of tie, the teams with tie scores will be given a set of **do-or-die clincher questions** until the tie is broken.
- 4.1.4. Rules on rounding significant figures:
 - 4.1.4.1. Standard rules on writing significant figures shall apply.
 - 4.1.4.2. Do not round until calculations are complete.
 - 4.1.4.3. It is common practice to carry the least one extra digit throughout a series of calculations to prevent round-off error.

5. AWARDS AND PRIZES

- 5.1. The top three (3) teams with the highest final round score shall be declared as 1st, 2nd and 3rd place winners.
- 5.2. The following team and individual prizes shall be given accordingly:
 - 5.2.1. 1st place – Individual Medals and certificates; and Php 6,000.00
 - 5.2.2. 2nd place – Individual Medals and certificates; and Php 3,000.00
 - 5.2.3. 3rd place – Individual Medals and certificates; and Php 2,000.00





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AstroInfomercial Video Contest

1. ELIGIBILITY GUIDELINES:

- 1.1. The AstroInfomercial Video Contest is open to all junior high school (JHS) and senior high school (SHS) students currently attending the same school.
- 1.2. Participating schools shall have a group of **three (3) students per entry**. Schools may send a maximum of **2 entries**.
- 1.3. Each participating school must only have **one (1) official coach**.

2. REGISTRATION:

- 2.1. The registration is free of charge. The registration is free of charge. Registration forms are available at this link: <https://www.philastrsociety.com/naw2019-contests>
- 2.2. Deadline of registration is on **February 6, 2019**.

3. CONTEST MECHANICS:

- 3.1. Registered participants shall be notified on their respective topics to be given by the organizers **on or before February 6, 2019**. The topics that are going to be given among the participants shall be related to general astronomy.
- 3.2. The astroinfomercial video must have a maximum running time of **45 seconds** including banner, credits, etc.
- 3.3. The use of Filipino and/or English as medium of language is allowed.
- 3.4. Addition of subtitles are required. If the medium of language used is in Filipino, the subtitles must be in English and vice versa.
- 3.5. The contents of the astroinfomercial must be contextualized into local settings, if applicable.
- 3.6. All materials such as footages, photos, music, must be original or it must be acquired with legal permission to use.
- 3.7. The following entries shall be disqualified if it violates another person's right, including but not limited to copyright. Participants with disqualified entries will be duly informed on or before February 16, 2019.
- 3.8. The participants automatically give the *Philippine Astronomical Society, Inc.* the permission to use the video, including the right to use their names, photographs and video submission for advertising, publicity and promotional purposes.
- 3.9. The organizing committee reserves the right to amend the rules and mechanics when deemed necessary. The participants and coaches shall be informed regarding the said amendments.

4. SUBMISSION OF ENTRIES:

- 4.1. The participants shall submit their entry in **.mp4** format **on or before February 11, 2019, 11:59pm** to <https://goo.gl/forms/1rXbZNBRIxVDqCAQ2>
- 4.2. File entries must be labelled using this format (all caps):
<schoolname_topic_date of submission in mm/dd/yr>
(e.g. PASHS_ECLIPSES_12/21/2018)

5. CRITERIA FOR JUDGING:

- 5.1. All astronfomercial entries shall be evaluated according to this criteria for judging:

Content	50%
Technicality	20%
Creativity	20%
Originality	10%
Total	100%
- 5.2. The final decisions of the judges are final and irrevocable.

6. AWARDS AND PRIZES:

- 6.1. The top three (3) entries will the highest average score shall be declared as **1st, 2nd and 3rd** place winners, respectively.
- 6.2. Announcement, awarding of winners, and distribution of certificates of participation shall be held on **February 16, 2019** at the NAW soft opening program at San Beda.
- 6.3. The following team and individual prizes shall be given, accordingly:
 - 6.3.1. 1st place – Individual Medals and certificates; and Php 5,000.00
 - 6.3.2. 2nd place –Individual Medals and certificates; and Php 3,000.00
 - 6.3.3. 3rd place – Individual Medals and certificates; and Php 2,000.00



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Astrophotography Contest

1. ELIGIBILITY GUIDELINES:

- 1.1. Astrophotography contest is open for both junior high school (JHS) and senior high school (SHS) students.
- 1.2. Participating schools may send a maximum of 3 student participants who will compete individually. Each student may send at most **two (2) astrophoto entries**.
- 1.3. Each participating school must only have **one (1) official coach**.

2. REGISTRATION:

- 2.1. The registration is free of charge. The registration is free of charge. Registration forms are available at this link: <https://www.philastrasociety.com/naw2019-contests>
- 2.2. Deadline of registration is on **February 6, 2019**.

3. CONTEST MECHANICS:

- 3.1. The participants may choose to photograph any astronomical object or event. Examples are satellites, star trails, conjunctions, sun/moon rise/set, eclipse, auroras, milky way, wide field constellation portraits, deep sky images, comets, planetary, moon, etc.
- 3.2. Each photo entry shall pass the following requirements:
 - 3.2.1. original and taken by the student himself
 - 3.2.2. taken within January 1, 2019 to February 9, 2019
 - 3.2.3. at least 8 megapixels in .jpg format
 - 3.2.4. either single image or stacked image of a single subject
- 3.3. The following photographs are considered **disqualified**:
 - 3.3.1. photographs that are digitally or otherwise enhanced or altered for creative purposes
 - 3.3.2. Altered images refer to Photographs manipulated and applied with special effects (colorizing, toning, collage, HDR, etc.); however, minor adjustments including sharpening, contrast and slight color adjustment or the digital equivalents, and photo stacking is acceptable.
 - 3.3.3. photos that have watermarks and borders
 - 3.3.4. photos that have violated another person's right, including but not limited to copyright
- 3.4. Only disqualified participants shall get notifications on or before February 9, 2019.
- 3.5. The participants should submit the following:
 - 3.5.1. raw photo on **any** digital image format
 - 3.5.2. processed image in .jpg
 - 3.5.3. a description of not more than 300 words (i.e. the description must state how the photo was made, the gadget used and the type of post processing done in the image)
 - 3.5.4. The files mentioned should be submitted on or before **February 9, 2019** to <https://goo.gl/forms/jfzfSTBnJKdYrwMQ2>

4. CRITERIA FOR JUDGING:

- 4.1. All astrophotography entries shall be evaluated according to this criteria:
 - 4.1.1. **Aesthetic merit** – the image must be striking, intriguing, attractive, and appropriate cropped and presented.
 - 4.1.2. **Technical quality** – no sign of technical problems such as digital processing artifacts, trailed stars and the like. We expect digital processing, but do not expect to notice it.
- 4.2. The deliberations of the judges are necessarily subjective. They remain confidential and their decisions are final and irrevocable.

5. AWARDS AND PRIZES:

- 5.1. The top three (3) entries with the highest average score shall be declared as 1st, 2nd and 3rd place winners, respectively.
- 5.2. Announcement, awarding of winners, and distribution of certificates of participation shall be held on **February 16, 2019** at the NAW soft opening program at San Beda.
- 5.3. The following team and individual prizes shall be given, accordingly:
 - 5.3.1. 1st place – Individual Medals and certificates; and Php 3,000.00
 - 5.3.2. 2nd place – Individual Medals and certificates; and Php 2,000.00
 - 5.3.3. 3rd place – Individual Medals and certificates; and Php 1,000.00



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AstroInfographics Contest

1. ELIGIBILITY GUIDELINES:

- 1.1. Astrophotography contest is open to all **senior high school (SHS)** students.
- 1.2. Each team shall consist of three (3) members that serve as the researcher, editor, and graphic designer.
- 1.3. Participating schools may send a maximum of **two (2) entries**.
- 1.4. Each participating school must only have **one (1) official coach**.

2. REGISTRATION:

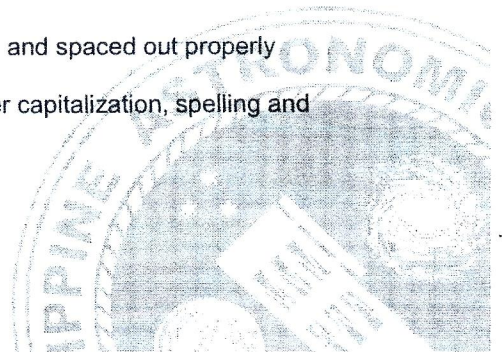
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- 2.2. Deadline of registration is on **February 6, 2019**.

3. CONTEST MECHANICS:

- 3.1. The participants shall create an infographic based on the astronomy-related topic to be given during the contest proper by the organizers.
- 3.2. Materials needed such as laptops, computer mouse and mouse pad should be provided by the participants.
- 3.3. Each teams may only consult the internet for research purposes.
- 3.4. Each teams can use *Adobe Photoshop* or *Microsoft PowerPoint* in creating the infographics.
- 3.5. Infographic image should at least be 1080 px wide and at least 1440 px long.
- 3.6. The image should be in 4:3 or 16:9 **.jpeg** format.
- 3.7. The entire infographic entry should not be copied from the Internet.
- 3.8. Images and information text must be properly cited if they are taken from the internet.
- 3.9. Each team must include the names of their members and the name of the school they represent at the bottom of the image.
- 3.10. Each team must submit their entry within the 3-hour allotted time. They must submit the following three (3) files:
 - 3.10.1. The Image File (.jpeg) as the final output
 - 3.10.2. The Edit File (.psd or .pptx) for checking of originality
 - 3.10.3. The Reference List File (.txt) for checking of references used in the text.
- 3.11. The infographics must be done within the contest premises and be officially submitted to the contest organizers on or before the given deadline. Each team will be held accountable to any issues that may arise with regards to the originality and authenticity of the design.
- 3.12. Information that are not properly cited may result in disqualification and the concerned team will be also held liable for any issues it may cause.
- 3.13. All infographics submitted will automatically become official property of *Philippine Astronomical Society, Inc.*

4. CRITERIA FOR JUDGING:

- 4.1. All astroinfographic entries shall be evaluated according to this criteria for judging:
 - 4.1.1. **Content: 40%**
well-researched content on the topic; the information given is precise and concise
 - 4.1.2. **Visual Appeal: 20%**
creative use of graphics, visuals and colors. Overall aesthetics of the infographic image
 - 4.1.3. **Organization: 20%**
every part of the infographics is organized, placed and spaced out properly
 - 4.1.4. **Text Features: 10%**
the text is appropriate in font size and style; proper capitalization, spelling and punctuation is observed
 - 4.1.5. **Citation: 10%**
sources are properly cited in the reference list file





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 - 6.3.2. 2nd place – Individual Medals and certificates; and Php 3,000.00
 - 6.3.3. 3rd place – Individual Medals and certificates; and Php 2,000.00

Poster Making Contest

1. ELIGIBILITY REQUIREMENTS

- 1.1. On-the-Spot poster making contest is open for elementary and junior high schools (JHS) students.
- 1.2. Each participating school may send up to three (3) student entries.

2. REGISTRATION:

- 2.1. The registration is free of charge. The registration is free of charge. Registration forms are available at this link: <https://www.philastronomy.org/naw2019-contests>
- 2.2. Deadline of registration is on **February 6, 2019**.

3. CONTEST MECHANICS:

- 3.1. Each contestant must bring 1/8 illustration board, oil pastel and other coloring materials they will use for making the poster.
- 3.2. Each participant is given three (3) hours to complete the poster.
- 3.3. The theme will be presented **on the day** of competition.

4. CRITERIA FOR JUDGING:

- 4.1. All poster entries shall be evaluated according to this criteria for judging:

Relevance to the theme	- 35%
Originality	- 25%
Creativity	- 20%
Visual Impact	- 10%
Message	- 10%
TOTAL	- 100%

5. AWARDS AND PRIZES:

- 5.1. The top three (3) entries with the highest average score shall be declared as 1st, 2nd and 3rd place winners, respectively.
- 5.2. The following prizes shall be given, accordingly:
 - 1st place – Individual Medals and certificates; and Php 3,000.00
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 - 3rd place – Individual Medals and certificates; and Php 1,000.00





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DAY 7 – Closing

February 23, 2019
San Beda University

EARTH AND OUTER SPACE SYMPOSIUM

A free seminar filled with the latest science research and information about our planet and its place in the cosmos to be lectured by distinguished guests from the National Institute of Physics-UP, Department of Physics-MIT, and from the Philippine Astronomical Society.

This symposium is open to all our Junior and Senior high school teachers from both public and private, members of astronomy, physics, and other allied sciences and engineering organizations, and interested individuals.

Certificate of attendance shall be issued to those who shall complete the entire course.

Interested participants may register at <https://www.philastrsociety.com/>

