



# PHYSICA

2K18

**THE DEPARTMENT OF PHYSICS**

Cordially invites you



Chief Guest

**MR. G. BRAMMA**

National Award Winning Film Director

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14<sup>th</sup> December

8:30 AM

Lawrence Sundaram Hall

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**LOYOLA PHYSICS ASSOCIATION**

**LOYOLA COLLEGE, CH - 600034**

# PHYSICA 2K18

## GENERAL RULES

- Participants are asked to possess their **college ID cards** throughout their stay in Loyola College and should bring a **Bonafide Letter** from the Head of the Department or the Principal of the College, permitting him/her to attend this fest.
- They are asked to report to the venue **before 8:30am** and they need to be present only in and around the venue allocated to the specific department.
- Dress Code should be strictly adhered to (**Boys:** Round Neck T-shirt, Torn Jeans, Hoodie T-shirts, Track Pants, T-Shirt with abusive words are **Not allowed**. Full length pants are only allowed. **Girls:** T-Shirt, Torn Jeans, Sleeveless are **Not allowed**)
- The students will be asked to vacate the campus if he/she abuses/ misuses the camera mobile phone within the campus.
- Use of unparliamentary language / any vulgarity in any of the events will lead to disqualification of the college.
- Use of mobile phones during the events is to be avoided, unless there is an exception in the event.
- Students have to bring their own props for the events.
- A participant can participate in any number of events provided that their events don't clash.
- Judge's decision will be final.
- Participants must report at the venue 10 minutes prior to the commencement of their event.
- **Participants must register online through their college on or before 12<sup>th</sup> December 2018. Mail the details to [lpaphysica2k18@gmail.com](mailto:lpaphysica2k18@gmail.com).**

## **TIMINGS & VENUE**

<b>EVENTS</b>	<b>TIMING</b>	<b>VENUE</b>
<b>Registration</b>	8:15-9:25	LS Hall
<b>Inauguration</b>	8:30-9:00	LS Hall
<b>Theorize for the Prize</b>	9:30-12:30	Smart Room
<b>The Great Attractor</b>	9:30-12:15	LS Hall
<b>Disputandum</b>	9:30-12:30	JF13
<b>Ludificator</b>	Prelims: 10:00-10:30 Finale : 12:30-1:30	Prelims: JF14 Finale : LS Hall
<b>Chasse au Trésor</b>	10:00-12:30	JF15
<b>Creation d'Memes</b>	10:00-11:00	M.Sc Lab
<b>Futuruma</b>	10:30-11:30	PhD Hall
<b>Acoustics</b>	Topics: 9:45 11:00-12:00	PhD Hall
<b>Expériences de Physique</b>	1:00-2:00	M.Sc Lab
<b>la Publicité</b>	1:45-3:15	LS Hall
<b>Valedictory &amp; Vote of Thanks</b>	3:15-4:30	LS Hall

# **EVENTS**

## **THE GREAT ATTRACTOR (POT POURRI)**

- 1 team per Shift.
- Maximum of 3 participants per team.
- The event consists of two rounds - Prelims & Finale.
- Only the teams selected from the Prelims will go for the Finale.
- Judge's decision will be final.

## **DISPUTANDUM (DEBATE)**

- 1 team per Shift.
- 2 participants per team.
- The event consists of two rounds – Prelims & Finale.
- Only the teams selected from the Prelims will go for the Finale.
- Time Limit : 10 minutes Preparation  
3 minutes Speaking
- At the end of speech opposition team can ask 1 question.
- The Finale will be in British Parliamentary format.

## **THEORIZE FOR THE PRIZE (PAPER PRESENTATION)**

- 1 participant per Shift.
- Time Limit: 5 + 2 minutes
- Slides should have minimal texts.
- Only PPT, no hard copies and animations.
- Participants will be judged on the basis of their explanation.
- Topics: 1. Fermi Paradox  
2. Giant Radio Galaxies  
3. Does Kirchoff's Voltage Law Always Work?

## **LUDIFICATOR (QUIZ)**

- 1 team per Shift.
- 3 participants per team.
- A preliminary round will be conducted first.
- Only the teams selected from the Prelims will go for the Finale.

## **CHASSE AU TRÉSOR (TREASURE HUNT)**

- 1 team per Shift.
- Maximum of 3 participants per team.
- Communicating with other teams during the hunt is not allowed.
- Collect all the clues.
- Expect tasks at checkpoints.
- First team at the end point (X) with all the clues can claim the treasure.

## **CREATION D'MEMES (MEME CREATION)**

- 1 team per Shift.
- 2 participants per team.
- Topics will be given on the spot.
- Time limit: 1 hour
- Participants have to bring their own materials.
- Judge's decision will be final.

## **FUTURUMA (SCI-FI WRITING)**

- 1 person per Shift.
- Topics will be given on the spot.
- Time limit: 1 hour

## **ACOUSTICS (MUSICAL PHYSICS)**

- 1 team per Shift.
- 2 participants per team.
- Participants should prepare a song to explain the theory given to them. Tune for the song can also be chosen from a movie or album.
- Time limit: 70 minutes Preparation  
3 minutes Performance
- Participants can access the internet to study the theory.
- 1 copy of lyrics should be submitted to the judges at the end of preparation time.
- Use of 1 musical instrument per team is allowed. Participants should bring their own musical instrument. Use of karaoke is not allowed.

## **EXPÉRIENCES DE PHYSIQUE (EXPERIMENTAL PHYSICS)**

- 1 person per Shift.
- 1 experiment will be given to the participant.
- Experiment will be based on electronics.
- Time limit: 10 minutes.
- Participants will be judged on the basis of their explanation.

## **LA PUBLICITÉ (ADZAP)**

- 1 team per Shift.
- 6 participants per team.
- The topic will be given on the spot.
- Time limit: 2 minutes Preparation  
4 minutes Performance
- Props are not allowed.