

IFJ PAN Astrophysics Forum Seminar Meeting

Chaitanya Priyadarshi
17/07/2026

Agenda for today

1. **Introduction to the Forum activities**
2. **Presentation** on **What is behind the cosmo-seismic effect?** - Piotr
3. **QnA** on today's presentation
4. Task groups
5. Any Other Business

Why Astrophysics?

Where are we?

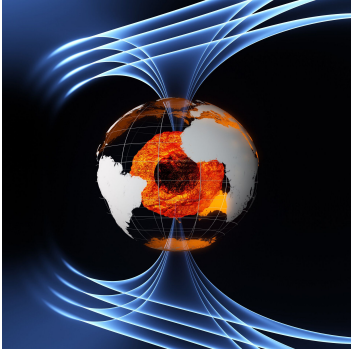
What are the
lights we see in
the sky?



Where did we
come from?

How did this
happen?

Why Astrophysics?



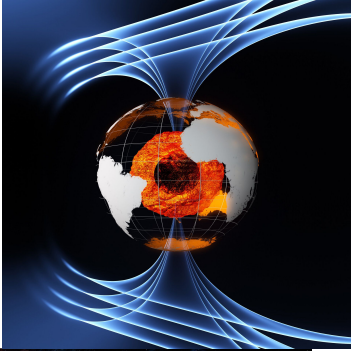
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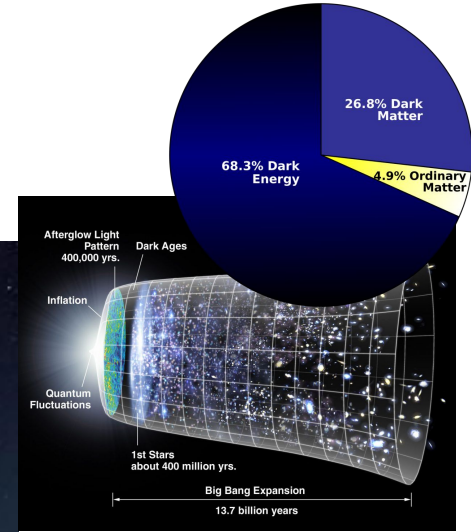
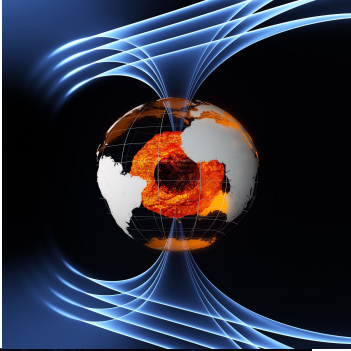


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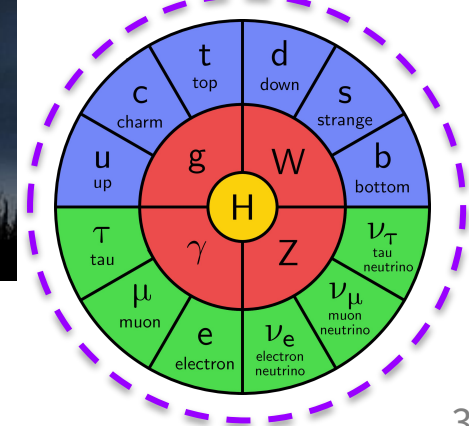
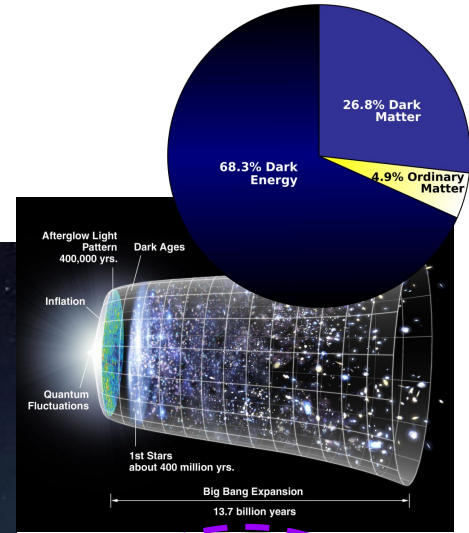
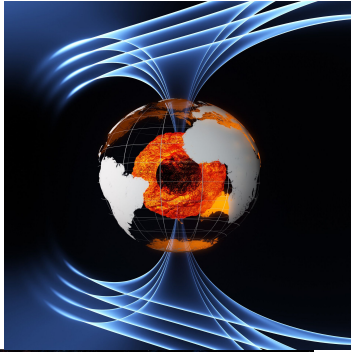


Why Astrophysics?

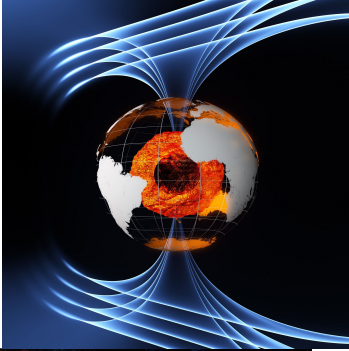


How did this happen?

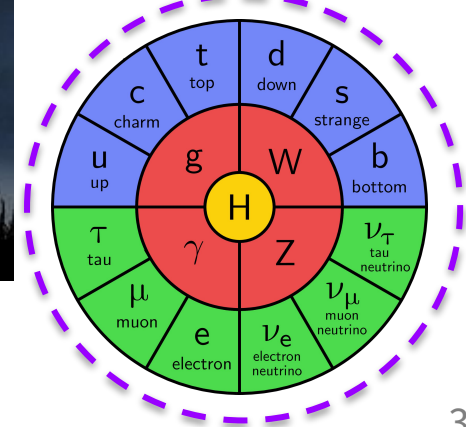
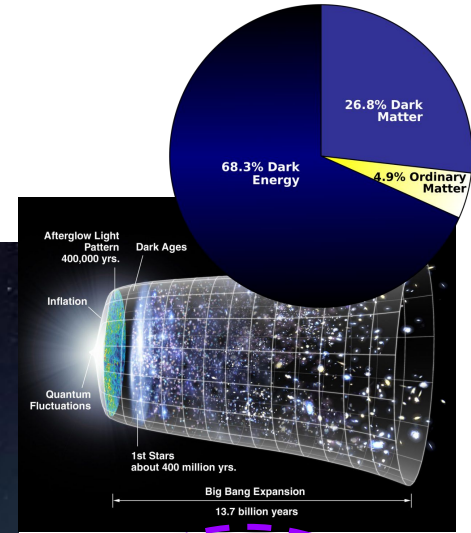
Why Astrophysics?



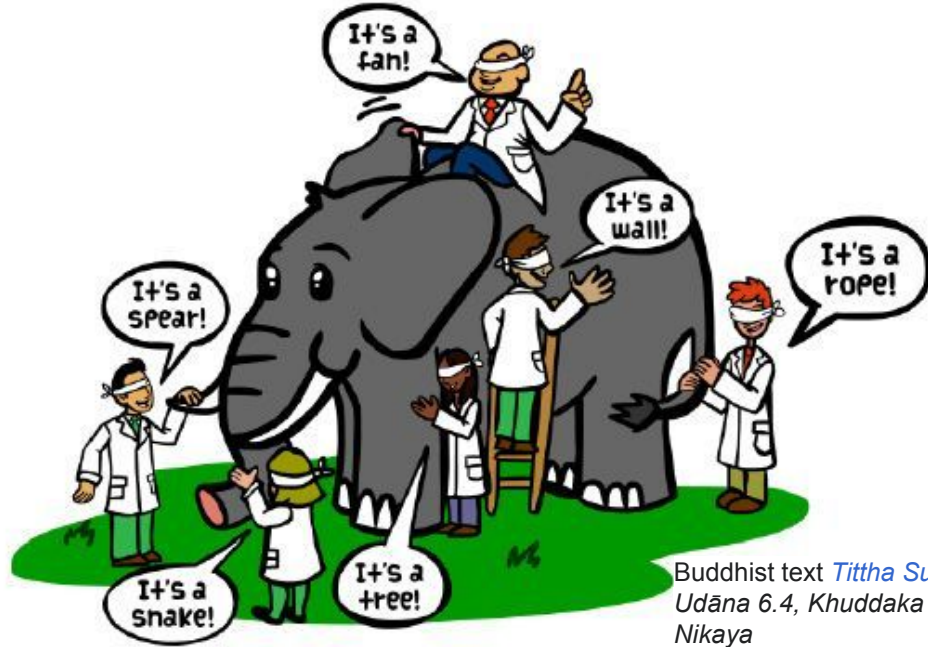
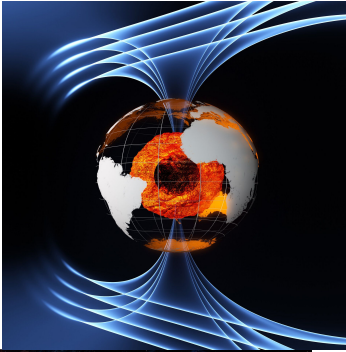
Why Astrophysics?



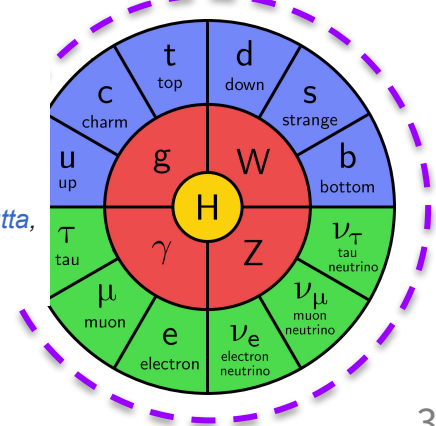
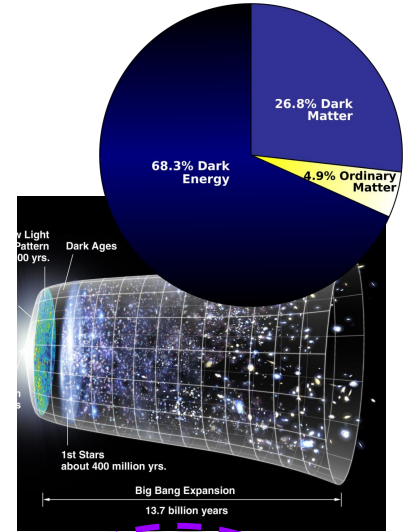
What does it all mean???



Why Astrophysics?



Buddhist text *Tittha Sutta*,
Udāna 6.4, Khuddaka
Nikaya



The IFJ PAN Astrophysics Forum

Inter-departmental forum to foster

- a shared academic community,
- support scientific growth,
- knowledge exchange, and
- collaboration

Current members:

- NO1/NZ12: 8 / 30
- NO1/NZ15: 15 / 30
- NO1/NZ23: 1 / 30
- NO2/NZ14: 1 / 30
- NO4/NZ42: 3 / 30
- NO6/NZ64: 2 / 30

Academic Discussions

- Presentations on one's own work or on someone else's
- Complimenting the astrophysical knowledge of all members
- Invited talks from experts

Sharing of knowledge/skills

- Data Analysis – tools, tips, tricks, etc
- Software – old, new, and upcoming
- Hardware – electronics, mechanical components -of detectors and telescopes

Future prospects

- Sharing of career opportunities
- Sharing of conference/workshop news
- Creating and maintaining an alumni network of IFJ PAN

4. Shared task (1, 2, 4)

1. Survey of members (Syed+ will soon start) for
 - a. Member introductions
 - b. about softwares/hardware/data analysis tools, on
 - i. their expertise level
 - ii. whether they would like to learn it anew
 - iii. whether they can teach/share it with other members.
2. “Representatives for IFJ office geography” -
 - a. Building 0, Floor 1 - Paweł Ś.
 - b. Building 0, Floor 2 - Shreya
 - c. Building 0, Floor 3 - Syed, Chaitanya, David
 - d. Building 6, Floor 0 - Arshiya
 - e. Building 4, Floor 3 - Ananya

4. Task group #1 - Webpage management

Megha, Sarah, Paweł Ś (+Syed)

- Will be adding information on more experiments and projects of our members
- In the intermediate term, we plan to add
 - Member introductions - connected with other group's work (see slide 5)
 - Ensure the webpage is ready for people outside IFJ to view
- In the long term, we plan to add
 - Community notes for open ideas, suggestions, QnAs - from, for and by the members
 - Separate pages describing different astrophysics themes
 - Separate page listing open job offers, conference/seminar/workshop calls
 - Separate page for listing exciting astronomy news

4. Task group #2 - Budget/Accounts management

Shreya, Paweł Ś

- Short term budget (until end of 2026):
 - Professional member interview video creation (see slide 5)
 - Snacks+Coffee for seminar meetings
 - Inviting external speakers/participants (after summer)
 - Travel allowance for visit to seminars at OAUI, etc
- Intermediate budget:
 - Subscriptions for softwares or other resources (based on Task #4)
- Long term budget (2027+, annually):
 - Inviting external speakers
 - Organize public events
 - Other maintenance

4. Task group #3 - New Paper, Open Discussions

Nataliia, Ananya, Chaitanya

- Listing recent papers from ArXiv to select one to discuss
- Can take suggestions from all members
- Will share them to all, every 2 weeks, after shortlisting them, to select the final paper
- Have a member kick-start the discussions by summarizing the paper

4. Task group #4 - Sharing of knowledge

Syed, Swathi, Sándor, Chaitanya

- Survey members (see slide 5) about softwares/hardware/data analysis tools, on
 - their expertise level
 - whether they would like to learn it anew
 - whether they can teach/share it with other members.
- Check with the budget on what and how we can proceed with this task

4. Task group #5 - Meetings management

Chaitanya, Paweł Ś, **Andreas Mz**

- Selecting room for meeting
- Checking for available time slots
- Finding the best possible time slot for most members and best location
- Getting the time slot for in-person and remote meeting rooms
- Testing audio-video tech issues
- Check for IFJ PAN entry cards for regular visitors

5. Any Other Business

- Any suggestions for tasks mentioned so far?
- Any volunteers for tasks mentioned so far?

Task groups

Webpage Management	Budget management	New Paper, Open Discussions	Sharing of Knowledge	Meetings management
Megha	Shreya	Nataliia	Syed	Chaitanya
Sarah	Paweł Ś	Ananya	Swathi	Paweł Ś
Paweł Ś		Chaitanya	Sándor	Andreas Mz
Syed			Chaitanya	