

# IFJ PAN Astrophysics Forum Seminar Meeting

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# Introduction to the Astrophysics Forum

- Inter-departmental forum to foster
  - a shared academic community,
  - support scientific growth,
  - knowledge exchange, and
  - collaboration
- Current members:
  - NO1/NZ12: 8 / 31
  - NO1/NZ15: 16 / 31
  - NO1/NZ23: 1 / 31
  - NO2/NZ14: 1 / 31
  - NO4/NZ42: 3 / 31
  - NO6/NZ64: 2 / 31



# Agenda for today

1. **Introductions** of members (old and new)
2. **Presentation** on **Basics of Gravitational Wave Physics: Connecting Theory to Data** - Syed
3. **QnA** on today's presentation
4. Connect with OAUJ
5. Task groups
6. Any Other Business

## Task groups

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

# 1. Introductions of members

Welcome Arshiya Ahmed ([NZ64](#)), Richard Ruiz ([NZ42](#)), and Andreas Maier ([NZ42](#))

## 4. Connect with OAUJ

- **Dr Łukasz Stawarz**, Head of the Department of High Energy Astrophysics, **Uniwersytetu Jagiellońskiego** (and member of **Obserwatorium Astronomiczne Uniwersytetu Jagiellońskiego**) was briefly introduced to our Forum, just after Gabriel's PhD defense (June 8th)
- He was delighted at our efforts and shared our enthusiasm to connect the two groups
- He is willing to have their **PhD students (3+2)** participate in our meetings, and we are welcome for theirs
- We have to **work on a few things**, before making it official
  - **IFJ access cards** to multiple people, at a somewhat *regular frequency*. We will have to work with the recently updated system and check how we can proceed with it. (**Task #5**)
  - **Update our webpage**, so that in general, **outside people**, may be able to check relevant and only sufficient information. (**Task #1**)
  - Update the **budget request** plans to include the **funds to support** such events. (**Task #2**)
  - **Streamline and fasten** our other activities (**Task #3 and #4**) so as to have something more **presentable for people** invited from outside.

## 5. Shared task (1, 2, 4)

1. Survey of members (Syed+) 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 - Ananya?
  - e. Building 4, Floor 3 - Arshiya?

# 5. Task group #1 - Webpage management

## Megha, Sarah, Paweł Ś (+Syed)

- Will be adding information on more experiments and projects of our members
- Will be updating the member's page
  - ~~With task group affiliation~~
  - Member introductions - connected with other group's work (see slide 7)
- 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

# 5. Task group #2 - Budget/Accounts management

## Shreya, Paweł Ś

- Short term budget (until end of 2026):
  - Professional member interview video creation (see slide 7)
  - Snacks+Coffee for seminar meetings
  - Inviting external speakers/participants (after summer)
  - Travel allowance for visit to seminars at OAUJ, 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

# 5. 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

# 5. Task group #4 - Sharing of knowledge

Syed, Swathi, Sándor, Chaitanya

- Survey members (see slide 7) 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

# 5. 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

# Any Other Business

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

## Task groups

| <b>Webpage Management</b> | <b>Budget management</b> | <b>New Paper, Open Discussions</b> | <b>Sharing of Knowledge</b> | <b>Meetings management</b> |
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| Sarah                     | Paweł Ś                  | Ananya                             | Swathi                      | Paweł Ś                    |
| Paweł Ś                   |                          | Chaitanya                          | Sándor                      | Andreas Mz                 |
| Syed                      |                          |                                    | Chaitanya                   |                            |