"323 International NASE-IAU Astrophysics Course""

Riga, Latvia, December 2022

Questionnaire

Discipline:

| Maths | Physics | Natural Sciences: | Astronomy | Other |
|-------|---------|-------------------|-----------|-------|
| 15% | 54% | 8% | 15% | 8% |

Level:

| Under 12 | Between 13-18 | Over 18 |
|----------|---------------|---------|
| 6% | 88% | 6% |



Is this school your first contact with astronomy?

| Yes | No |
|-----|----|
| 94% | 6% |

If no, what is your background in astronomy?

| Courses | self taught | Amateurs | University |
|---------|-------------|----------|------------|
| 30% | 5% | 10% | 55% |



What was the cause for participating in this course?

| Professionals | Personal | |
|---------------|----------|--|
| 88% | 12% | |

What do you think of the choice of dates?

| Very well | Well |
|-----------|------|
| 56% | 44% |

What about duration?

| Very well | Well | |
|-----------|------|--|
| 50% | 50% | |

What do you think of the organization of the day (and night) in four different types of activities: conferences, working groups, workshops, observations?

| Very well | Well |
|-----------|------|
| 50% | 50% |

What kind of activities have preferred?

| Workshops | Working Groups | Lectures | Everything | Observations |
|-----------|----------------|----------|------------|--------------|
| 26% | 6% | 12% | 50% | 6% |

What kind of activities you like less?

| None | Lectures | Workshops | Working group | Observarions |
|------|----------|-----------|---------------|--------------|
| 57% | 12% | 12% | 12% | 7% |

The subjects, have met your expectations?

| Very well | Well |
|-----------|------|
| 69% | 31% |

What would you delete?

| None | Lectures |
|------|----------|
| 94% | 6% |

What would you add?

| More Working Groups | More Workshops | Nothing | Observations |
|---------------------|----------------|---------|--------------|
| 18% | 6% | 47% | 29% |

The level of activities has been:

| Satisfactory | Too high | |
|--------------|----------|--|
| 94% | 6% | |

What is your opinion about the teaching methods of teachers?

| Very well | Well |
|-----------|------|
| 88% | 12% |

What is your opinion about NASE web?

| Very well | Well |
|-----------|------|
| 69% | 31% |

What is your opinion about coordination between different activities?

| Very well | Well |
|-----------|------|
| 56% | 44% |

What is your overall opinion of the course related to:

a) Exchanges and contacts with other participants?

| Very interesting | Interesting | Not very interesting |
|------------------|-------------|----------------------|
| 31% | 63% | 6% |

| Very interesting | Interesting | Not very interesting |
|------------------|-------------|-------------------------|
|------------------|-------------|-------------------------|

b) What is your opinion about the usefulness of the course to their teaching?

| Very useful | Useful |
|-------------|--------|
| 56% | 44% |

| Very useful | Useful |
|-------------|--------|
| | |

What especially criticize?

- Nothing
- No criticism.
- Should mention purpose of use for materials, so they can be adapted from otherthings if not available
- Nothing to add
- Are not
- More explain about the models we made, details to which attention should be paid.
- A little long work at the end of the working day.
- No criticism. Thank you. It was interesting. Lots of good work.
- There is nothing to criticize.
- I have nothing to criticize. Many people have worked a lot to prepare the seminar.
- Thanks to them!
- There is nothing to criticize. Everything was very good.
- Nothing. Really exiting get experiment from other world colleagues physics object provide experience for me like amateur.

What you would value more?

- Demonstrations and visual experiments. As well as material for further work.
- I really liked the simple examples that can be done together with students. Simple equipment is enough.
- Lots of ideas on how to explain complex things with simple means
- Hands-on examples are best, even if they are in video format. I would like to receive links to the videos that were shown.
- I have got a wide range of material which. I will use in my work.
- Worshops and small and nice small activities
- Very simple experiments that clearly demonstrate complex processes.
- I personally thought the main values is provide other teacher colleagues practical experience for astronomy tasks for pupil reaction or feedback.
- Workshops

Other observations (it is important to have them!)

- Very smiling, knowledgeable, wonderful lecturers. Let us have more of them in Latvia.
- Liked the demonstrations
- Interesting examples to demonstrate the laws of physics and astronomy.
- schedule time for the realization of practical works
- I liked the presentation of the material by the lecturers, their dedication to their work.
- I would be happy to take more courses like this. I would also be happy to attend in face to face. In my physics lessons I talk about astronomy. . Now I will be able to use more of the practical work that I learn in this course.
- Thank you, I am satisfied that I participated! Good luck Nase!
- I don't know much about Astronomy. Just as much as I needed to know. I really liked the explanations, for example, about the expansion of the universe. I will know the balloon rule forever. You are doing a good job, your work will help me in what I have to explain to the students. Thanks for these lessons!
- Very favorable attitude of the lecturers towards the listeners. Women are in top! Thanks a lot!
- Nice to see colleagues from Barselona, especially, Rosa M. Ros.
- The courses were very good. It's good that the courses were translated. The experiments and work materials were simple and easy to understand. Thank you!
- Thanks for participation and organisation online course. Its quite exiting. I hope next 2023 Year continuous that provide that kind practice course for Latvia teacher and amateurs.