

# “332 International NASE-IAU Astrobiology”

Dolna Mitropolia, Bulgaria, February 2023

## Questionnaire

### Discipline:

Natural Sciences	Astronomy	Biology	Maths	Physics	Chemistry	Others
4%	17%	11%	15%	35%	13%	5%



### Level:

Under 12	13 to 18	Over 18
13%	76%	11%



### Is this school your first contact with astronomy?

Yes	No
22%	78%



### If no, what is your background in astronomy?

Courses	Amateurs	Self-Taught	University
21%	10%	4%	65%



### What was the cause for participating in this course?

Professionals	Personnel
94%	6%



### What do you think of the choice of dates?

Very well	Well	Bad
59%	39%	2%



### What about duration?

Very well	Well	Long	Short
44%	50%	3%	3%



**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
72%	28%

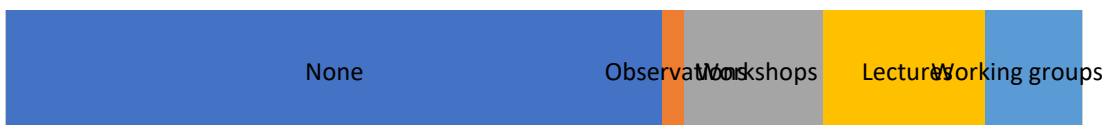


**What kind of activities have preferred?**

All	Workshops	Lectures	Observations
59%	19%	7%	15%



**What kind of activities you like less?**



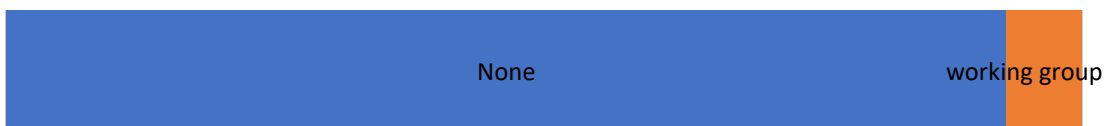
### The subjects, have met your expectations?

Very well	Well	Poor
72%	26%	2%



### What would you delete?

None	working group
93%	7%



### What would you add?

Nothing	More observations	More workshops	More working groups	More lectures
35%	26%	15%	15%	9%



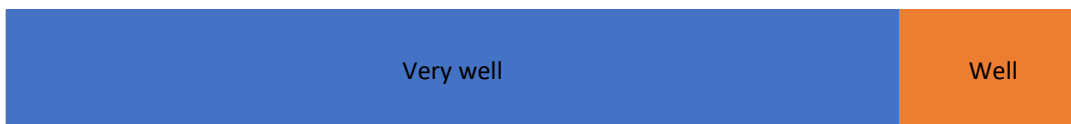
### The level of activities has been:

Satisfactory	Too high	Too Low
78%	19%	3%



### What is your opinion about the teaching methods of teachers?

Very well	Well
83%	17%



### What is your opinion about NASE web?

Very well	Well	Poor
76%	22%	2%



### What is your opinion about coordination between different activities?

Very well	Well
65%	35%



**What is your overall opinion of the course related to:**

**a) Exchanges and contacts with other participants?**

Very well	Interesting	Uninteresting
57%	41%	2%



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

Very useful	Useful
69%	31%



### What especially criticize?

- Nothing
- None
- No
- There is not
- No criticize
- I have no criticisms
- Observation activities
- Thanks for the chance to be part of your team.
- There was nothing to criticize - everything was OK
- The course took place during school hours
- Expected live lectures focused on astrobiology in particular
- I have no criticism
- Nothing in specific
- The timing of each activity was not exact.
- Because this course needed to be done on weekends not during the week
- I did not have the opportunity to prepare with the materials and work on the various activities in the workshops.
- It dragged on a bit, but it was very interesting
- I have no criticisms of any element of the training
- Everything was presented with understanding and in an original way.
- It is very useful for me.

### What would value more?

- Observations
- Workshops
- Useful and interestingThe practical part
- All topics were well chosen. I would not add other topics
- 100%
- Examples
- More workshops
- The whole course as a whole, but the the already innovative methods for illustrating individual physical regularities. Many thanks for the demonstration - it is fully applicable in our schools to arouse the interest of young people in physics and astronomy. Thanks for the wonderful hours with you.
- Everything
- Interesting and useful ideas for teaching astronomy. I got lots of ideas for future project activities to do with my students.
- The presented activities were good and very valuable
- It was perfect
- Face-to-face training
- Additional materials

- More workshops
- More precise timing.
- Observations, experiments, presentation about Solar system
- It was very useful
- The lectures and demonstrations of the teachers and the video materials on the site.
- Everything was interesting and useful
- A little bit more biology. Some more relationships between biology and astronomy.
- Practical activities and information technologies
- Everything
- Maybe some activities to be on live.
- I am very pleased
- The workshops are useful, they give interesting ideas
- Organisation

### **Other observations (it is important to have them!)**

- Very interesting
- Perhaps eclipses of the moon or the sun
- Observation of the phases of Venus, moons of Jupiter, Saturn.
- I would always study again.
- When organizing a new course, more emphasis can be placed on STEM methods in teaching astronomy. I liked how physical phenomena could be demonstrated with materials at hand.
- Thanks for the inspiration I got after the training. The study of astronomy is insufficient in secondary education. The ideas and resources I have provided will help us integrate it into our chemistry, biology, math, and even literature classes.
- Everyone was great. Thanks.
- Everything was great. I see and hear very interesting things. The two days was really great for me. I learn a lot of new and existing things.
- I would participate in other such activities
- Impressive lecturers, with a personal approach to the presented topics
- I am very satisfied, I would like to be part of a similar seminar again
- Thanks for the interesting and useful knowledge and practical experiences
- Creativity is very important for such courses.
- Thanks again for the opportunity to attend this very interesting and useful course! I hope there will be more events like this!
- Very interesting and useful
- Excellent communication between the participants