

Conclusions

NASE course, Kazakhstan 2025

On behalf of the Caravan of Knowledge organizing team, we would like to express our sincere gratitude to the NASE trainers for conducting the astrophysics course and for the opportunity to collaborate on this meaningful educational initiative.

We were pleased to observe that the course successfully combined theoretical knowledge with practical, hands-on activities. Such a balanced approach not only enriched the participants' understanding but also provided them with concrete methods that can be implemented in the classroom. Particularly valuable was the emphasis on using simple and inexpensive materials for the experiments and demonstrations. This makes the program especially suitable for rural schools, where resources are limited but the need for accessible science education is great.

We also commend the clarity of the presentations and the ability of the trainers to explain complex astronomical concepts in a way that is both understandable and engaging for educators of various backgrounds. We appreciate that the program highlighted the interdisciplinary nature of astronomy, connecting it with physics, chemistry, biology, and even cultural and philosophical aspects. This perspective broadened the participants' understanding of the subject's relevance and applicability.

We also wish to emphasize the professionalism, warmth, and approachability of the trainers. Their readiness to engage in dialogue, answer questions thoroughly, and adapt to the needs of the participants created a very positive and productive learning environment.

We noted that the participants became more motivated and enthusiastic about teaching astronomy and expressed their intention to integrate what they had learned into their lessons. Additionally, the course fostered collaboration and exchange of experiences among teachers from different schools and regions, which we consider an important contribution to building a stronger educational community.

In conclusion, we consider this course to have been highly effective and impactful. It not only enhanced the professional knowledge of the participants but also inspired them to make astronomy more accessible and exciting for their students. We look forward to continuing our cooperation with NASE and hope to organize similar initiatives in the future.