

M. F. Gilmullin, “Mathematics Education at School and University: Content and Methods,” *Mathematics with Mansur*, Oct. 26, 2024. [Online]. Available: <https://history-math.org/publications/hm-tt-bd200442cc7d-en/>.

ESSAY

Mathematics Education at School and University: Content and Methods

On 26–28 September, Pitirim Sorokin Syktyvkar State University hosted the 43rd international seminar on mathematics education.

Mansur Gilmullin · 26.10.2024 · EN

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· [Source](#)

On 26–28 September, Pitirim Sorokin Syktyvkar State University hosted, for the first time, the 43rd International Academic Seminar for mathematics and computer science teachers at universities and teacher-training institutions: “Mathematics Education at School and University: Content and Methods.”

The seminar’s main areas of work, organized into sections, were:

- Problems in the history and methodology of mathematics, computer science and mathematics education.
- Current issues in training mathematics and computer science teachers.
- Problems of teaching mathematics in school.
- Current issues in teaching mathematics at university.

- Mathematical research and computer mathematics.



Group photograph of participants in the 43rd Seminar · [Source](#)

The meeting brought together 60 mathematics and computer science lecturers from Russia and neighbouring countries.

The plenary session on 26 September 2024 opened with a video address by the [Seminar's](#) founder, Alexander Grigoryevich Mordkovich, Doctor of Pedagogical Sciences, professor and Honoured Scientist of the Russian Federation. He noted that the seminar had been held since 1987, making it a truly long-lived institution.



Alexander Grigoryevich Mordkovich, Honoured Scientist of the Russian Federation and academic director of the Seminar · [Source](#)

He recalled that it had originally been conceived as a Russian national event, but became international over time. A video address from Minsk confirmed this. It was also announced that the Republic of Belarus would host the seminar the following year.



Mansur Fayzrakhmanovich Gilmullin, author of the Mathematics with Mansur-abyy Telegram channel, at the Seminar's plenary session · [Source](#)

Olga Alexandrovna Sotnikova, Rector of Syktyvkar State University, wished all participants interesting encounters, lively discussions and professional achievements.



Olga Alexandrovna Sotnikova · [Source](#)

The plenary session was chaired by A. V. Yastrebov, Doctor of Pedagogical Sciences and professor at K. D. Ushinsky Yaroslavl State Pedagogical University.



Alexander Vasilyevich Yastrebov, right · [Source](#)

The plenary session continued with presentations.

“Mathematics Education in 1970–2024 at Komi State Pedagogical Institute and Pitirim Sorokin Syktyvkar State University” was presented by V. A. Popov and N. I. Popov, the latter a Doctor of Pedagogical Sciences and professor at Syktyvkar State University.



Nikolai Ivanovich Popov · [Source](#)

V. V. Grinshkun presented “The Influence of Digital Technologies on Learning Systems.” He is a Doctor of Pedagogical Sciences, professor and academician of the Russian Academy of Education at Moscow City University.



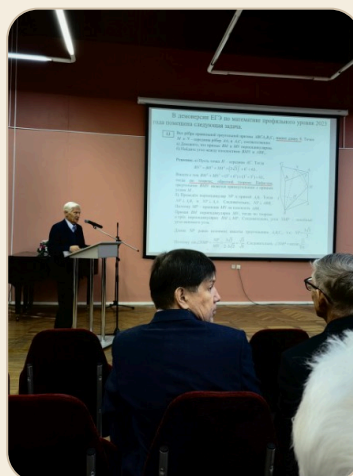
Vadim Valeryevich Grinshkun · [Source](#)

S. G. Grigoryev presented “Artificial Intelligence in Education.” He is a Doctor of Technical Sciences, professor and corresponding member of the Russian Academy of Education at Moscow City University.



Sergey Georgiyevich Grigoryev · [Source](#)

V. A. Smirnov presented “Ways to Improve the Quality of Geometry Teaching in the Upper School Grades.” He is a Doctor of Physical and Mathematical Sciences and professor at Moscow Pedagogical State University.



Vladimir Alekseyevich Smirnov · [Source](#)

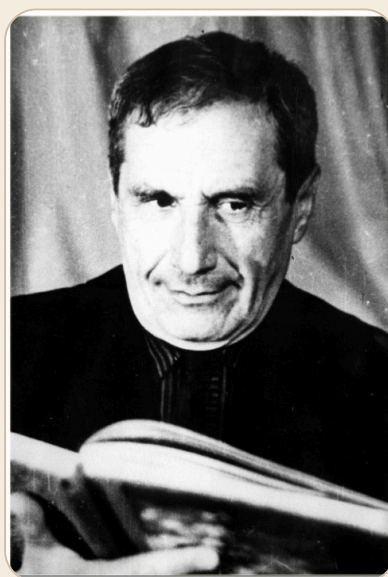
A. V. Borovskikh presented “Content and Contents of School Mathematics Education.” He is a Doctor of Physical and Mathematical Sciences and associate professor at Lomonosov Moscow State University.

A. N. Mokrushin presented “Prospects for Using a Telegram Channel on Mathematical History in Mathematics Teaching.” He is the headteacher of Secondary School No. 25 in Kaluga.



The author, Mansur Gilmullin, preparing to speak · [Source](#)

M. F. Gilmullin, Candidate of Pedagogical Sciences and author of the [Mathematics with Mansur-abyy](#) Telegram channel, presented “A Doctor of Philosophy and a Teacher of Teachers in Tatarstan.” He spoke about [Alfred Maksovich Lustig](#) (1908–1985), a University of Vienna graduate, Doctor of Philosophy, physicist and mathematician, Austrian antifascist, Soviet Army soldier, outstanding educator and teacher of Tatarstan’s mathematics teachers. Lustig was an associate professor at Yelabuga State Pedagogical Institute. He lived in Yelabuga for 45 years and is buried there.



Alfred Maksovich Lustig, a “teacher of teachers” of mathematics in Tatarstan · [Source](#)

The seminar also included sectional meetings, workshops and a round table.

A special session commemorated colleagues who had died prematurely: Yuri Alexandrovich Drobyshev of Kaluga and Gennady Anatolyevich Klekovkin of Samara.



Seminar participants at the round-table session · [Source](#)

Alongside the academic programme, participants enjoyed an extensive cultural programme: a visit to the Finno-Ugric Ethnocultural Park, theatrical performances in the Komi language, and city excursions including Syktyvkar's sights, a traditional meal and the museum of Olympic champion Raisa Smetanina.



Seminar participants visiting the Finno-Ugric Ethnocultural Park · [Source](#)



The author at the museum of Olympic champion Raisa Smetanina · [Source](#)



The author with some of the Seminar participants · [Source](#)

I wish all Seminar participants continued success and major academic achievements!