

# ITO

International  
Tuymaada Olympiad

— EST.1994 —

# TUUYMAADA

The Mikhail Alekseev

XXXII International Tuymaada Olympiad  
in mathematics, physics, chemistry and informatics  
for school students

2025



Dr. Vasilii Pavlov  
PhD, Rector of the Sakha Science Academy  
of the Republic of Sakha (Yakutia)

Dear Participants, Esteemed Jury Members, Distinguished Guests,  
and Beloved Friends of the International Tuymaada Olympiad,

It is with immense pride and joy that I welcome you to the 32nd International Tuymaada Olympiad (ITO-2025), hosted in the heart of Yakutia, on the banks of the majestic Lena River. As the Rector of the Sakha Science Academy, the proud organizer of this prestigious event, I extend my warmest greetings to all participants, both offline and online, who have gathered from across the globe to celebrate excellence in science and education.

This Olympiad stands as a testament to the vision of our late first President, Mikhail Nikolaev, whose legacy continues to inspire generations of young minds. For over three decades, the ITO has fostered intellectual growth, cross-cultural friendship, and a spirit of collaboration among the brightest students and educators worldwide.

To our esteemed partners—including the Daryn Foundation of Kazakhstan, the Young Chemist Organisation of Mongolia, Wardaya College of Indonesia, and Liceul Teoretic National of Romania—we express our deepest gratitude for your unwavering support. Your dedication to nurturing gifted students aligns perfectly with our mission.

A special acknowledgment goes to our teachers, team leaders, and volunteers, whose tireless efforts make this Olympiad possible. Your commitment to education is the foundation upon which the ITO thrives.

In these times of global challenges, the ITO serves as a beacon of hope, reminding us of the power of unity, knowledge, and shared purpose. Let us embrace this opportunity to learn, compete, and build bridges that transcend borders.

As we embark on this journey together, may the spirit of curiosity, perseverance, and mutual respect guide us all. Wishing every participant success, inspiration, and unforgettable memories.



Dr Valerii Lygdenov

The Physics Olympiad trainer from the  
Republic of Buryatia

Good day!

I congratulate participants and organizers of big international Tuymaada Olympiad. On behalf of Buryatia team, I express sincere thanks to the organizers for opportunity to take part at intellectual physics tournament. If possible, we always are participating at your Olympiad to prepare for next year All-Russia school children Olympiad and to be in good shape all year.

Olympiad is attractive because format and level of tasks of Olympiad as close as possible to All-Russia school children Olympiad level, which we understood in this time too.

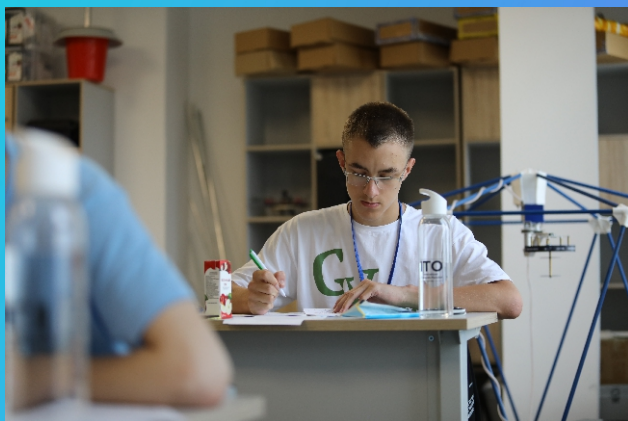
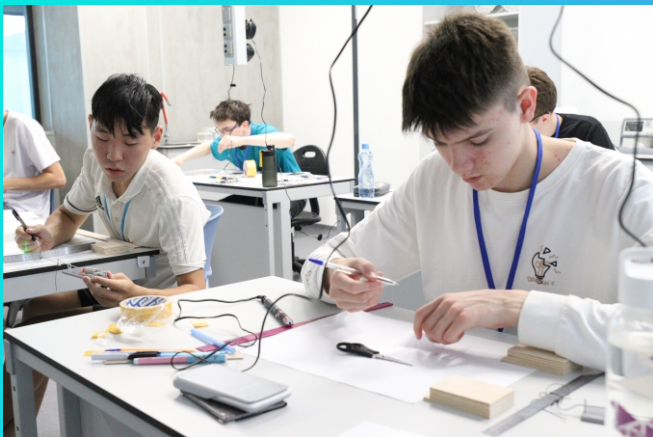
Despite the smaller number of participants in physics, competition was high and several prize winners of 2025 All-Russia school children Olympiad took part at this Olympiad.

Children have got a lot of experience, a boost for further growth, lots of positive things from the cultural and entertainment program.

Thanks to the organizers for an interesting and eventful program of Olympiad, everything was provided. I wish everyone a lot of success.

Thank you very much.





## The Mikhail Alekseev International Tuymaada Olympiad in Math, Physics, Chemistry and Informatics

In 1994 the first President of the Republic of Sakha (Yakutia) His Excellency Mikhail Nikolaev signed the "Odarennnye deti" ("Gifted children") Presidential Program paving a way to the inception of the the International Tuymaada Olympiad for school students in Math, Physics, Chemistry and Informatics (ITO).

ITO annually invites school student from different regions of the Russian Federation and countries near and far abroad ever since.

ITO organizers are the Ministry of Education and Science of the Republic of Sakha (Yakutia), the Maksim Ammosov North-Eastern Federal University, the Sakha Science Academy, the S.N.Donskoi-II Education Development and Advanced Teracher Training Institute, the Academy of Sciences of the Republic of Sakha(Yakutia).

ITO's goals are the facilitation of the development of the intellectual potential in school student and youth, the popularization of fundamental sciences, the promotion of international cooperation and communication.

In 2025 the 32nd International Tuymaada Olympiad for school students is held from July 2 - 10 in a mixed format (online and offline).



# PROGRAMME

Dates	Event
July 2	Presentation of the teams via video connection.
July 3	The grand opening of the M.Alekseev XXXII International Olympiad "Tuymaada" in mathematics, physics, chemistry and informatics
July 4	Olympiad: the first day
July 5	Olympiad: the second day
July 6	Preliminary results in informatics and chemistry Analysis and solution of chemistry olympiad problems
July 7	Preliminary results in physics Appeal in physics and chemistry
July 6 - 8	Checking of olympiad papers
July 8	Preliminary results, analysis of problems and appeal in mathematics
July 10	Closing ceremony of the M. Alekseev XXXII International Olympiad "Tuymaada" in mathematics, physics, chemistry and informatics

№	countries	Official Names	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
1	Russia	Agin-Buryat Autonomous Okrug, Russia					1												
2	Russia	Altai Krai, Russia						8		3	1	3	2		3	4			
3	Russia	Amur Oblast, Russia																	10
4	Russia	Chelyabinsk Oblast, Russia															3		
5	Russia	Chuvash Republic, Russia												1					
6	Russia	Irkutsk Oblast, Russia		9				11	8	5	16	14	13	10	7	7	10	6	5
7	Russia	Kaliningrad Oblast, Russia																	3
8	Russia	Kaluga region																	
9	Russia	Kamchatka Krai, Russia										2							1
10	Russia	Kemerovo Oblast, Russia	4								1			1			1		
11	Russia	Khanty-Mansi Autonomous Okrug-Yugra, Russia														1			
12	Russia	Krasnoyarsk Krai, Russia										10							
13	Russia	Kurgan Oblast, Russia																	
14	Russia	Moscow, Russia																	
15	Russia	Moscow Oblast, Russia							1			2		4		8			2
16	Russia	Nizhny Novgorod Oblast,												1	10	5	2	3	
17	Russia	Novosibirsk Oblast, Russia						3	1	1		1					3		3
18	Russia	Penza Oblast, Russia												1				1	1
19	Russia	Perm Krai, Russia												3	1				
20	Russia	Primorsky Krai, Russia								3	3	3	3	6	6	5	3	4	5
21	Russia	Republic of Bashkortostan, Russia																	
22	Russia	Republic of Buryatia, Russia		4	2	6	2		5								1		1
23	Russia	Republic of Mordovia, Russia											1	1	2	1			
24	Russia	Republic of North Ossetia- Alania, Russia																	
25	Russia	Republic of Sakha (Yakutia), Russia	25	37	27	39	46	41	57	48	53	75	54	58	53	52	52	61	62
26	Russia	Republic of Tatarstan, Russia																	
27	Russia	Saint Petersburg, Russia								1	2	2	2	2	2	4	2		
28	Russia	Samara Oblast, Russia					1												
29	Russia	Sakhalin Oblast, Russia														4			
30	Russia	Saratov Oblast, Russia													1				
31	Russia	Sverdlovsk Oblast, Russia									1								
32	Russia	Tomsk Oblast, Russia	5	6	4	4	4	6											
33	Russia	Tuva Republic, Russia	4	9	11	5													
34	Russia	Khabarovsk Krai, Russia										4				5			
35	Russia	Yamalo-Nenets							3										
36	Russia	Rostov Oblast																	
37	Russia	Stavropol region																	
38	Russia	Voronezh Region																	
1	National team	Russian Federation Team											3	2		3	3	3	7
2		Alaska, U.S.A.	3				4												
3		Federal Republic of Germany		2	2				2		5	7	9						
4		Federal Democratic Republic of Nepal																	
5		French Republic			1			1											
6		Hong Kong SAR, China																	
7		Islamic Republic of Iran	37																
8		Kingdom of Belgium						6		8									
9		Kingdom of Thailand				5													
10		Kyrgyz Republic														1			
11		Mongolia		7				5											
12		People's Republic of Bangladesh																	
13		People's Republic of China			8	8	9	8	2	22	11		9	10					
14		Republic of Azerbaijan													2	4			
15		Republic of Belarus																	
16		Republic of Bulgaria										6	6		6		11	9	
17		Republic of Indonesia																	1
18		Republic of Kazakhstan											7	12	22	43	30	38	40
19		Republic of Korea				3						4							
20		Republic of Singapore																	
21		Republic of Tajikistan																	
22		Romania	8	8	8	7	8	8	14	8	10	12	11	11	12	22	22	23	23
23		Ufuk Fund Team, Turkey			4	3	3												
24		United Mexican States											3			2			
25		Uzbekistan																	
		Total	86	82	67	80	78	97	93	99	103	145	123	125	127	173	148	148	164



№	countries	Official Names	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Total
1	Russia	Agin-Buryat Autonomous Okrug, Russia																1
2	Russia	Altai Krai, Russia																24
3	Russia	Amur Oblast, Russia			1													11
4	Russia	Chelyabinsk Oblast, Russia	3	5	8													19
5	Russia	Chuvash Republic, Russia																1
6	Russia	Irkutsk Oblast, Russia	5	3	6	5	5											145
7	Russia	Kaliningrad Oblast, Russia	1					3	1								1	9
8	Russia	Kaluga region										2						2
9	Russia	Kamchatka Krai, Russia																3
10	Russia	Kemerovo Oblast, Russia																7
11	Russia	Khanty-Mansi Autonomous Okrug-Yugra, Russia																1
12	Russia	Krasnoyarsk Krai, Russia																10
13	Russia	Kurgan Oblast, Russia	2															2
14	Russia	Moscow, Russia			5	2		7		5		1		4	1	4	7	36
15	Russia	Moscow Oblast, Russia	2	1		7	8	3	3	3		6			4	8	3	65
16	Russia	Nizhny Novgorod Oblast,						1										22
17	Russia	Novosibirsk Oblast, Russia	3	3	3	3	6	4	3		2		8	20	11	15	17	110
18	Russia	Penza Oblast, Russia						1						3	3	3	4	17
19	Russia	Perm Krai, Russia																4
20	Russia	Primorsky Krai, Russia	5	6	5	3	8	5					4				2	79
21	Russia	Republic of Bashkortostan, Russia					2											2
22	Russia	Republic of Buryatia, Russia	1	2	4					9	7	10	7		4		1	66
23	Russia	Republic of Mordovia, Russia			6	5	15	11					5			1		48
24	Russia	Republic of North Ossetia- Alania, Russia						1										1
25	Russia	Republic of Sakha (Yakutia), Russia	57	54	51	54	56	61	54	83	52	39	37	48	47	42	44	1619
26	Russia	Republic of Tatarstan, Russia			11		5	7	8	10		12	12	37	18	8	1	138
27	Russia	Saint Petersburg, Russia	3	1	3	2	1					10	1					38
28	Russia	Samara Oblast, Russia						3										4
29	Russia	Sakhalin Oblast, Russia																4
30	Russia	Saratov Oblast, Russia						1										2
31	Russia	Sverdlovsk Oblast, Russia												10	18	25	11	65
32	Russia	Tomsk Oblast, Russia																29
33	Russia	Tyva Republic, Russia				2												31
34	Russia	Khabarovsk Krai, Russia																9
35	Russia	Yamalo-Nenets																3
36	Russia	Rostov Oblast												17				17
37	Russia	Stavropol region													3			3
38	Russia	Voronezh Region													1			1
1	National team	Russian Federation Team	3	4	4	3	2	2										39
2		Alaska, U.S.A.																7
3		Federal Republic of Germany																27
4		Federal Democratic Republic of Nepa								1								1
5		French Republic																2
6		Hong Kong SAR, China								21								21
7		Islamic Republic of Iran									11	6	3	7			2	66
8		Kingdom of Belgium																14
9		Kingdom of Thailand																5
10		Kyrgyz Republic																1
11		Mongolia		15	15											1		43
12		People's Republic of Bangladesh								1								1
13		People's Republic of China																87
14		Republic of Azerbaijan																6
15		Republic of Belarus								1								1
16		Republic of Bulgaria	6					2			8		6					62
17		Republic of Indonesia			1	1			4			22	25	25	23	19	5	126
18		Republic of Kazakhstan	45	66	38	72	72	36	44	21	23	37	74	143	75	79	49	1066
19		Republic of Korea																7
20		Republic of Singapore							7	12	7	2	5	7	5			45
21		Republic of Tajikistan									5							5
22		Romania	24	23	24	23	24	18	20	24	37	3	22	34	4	4		499
23		Ufuk Fund Team, Turkey																10
24		United Mexican States																5
25		Uzbekistan															7	7
		Total	160	183	185	182	204	166	144	191	152	152	209	355	217	209	154	4801

# 32th International Tuymaada Olympiad



**154  
participants**



**10  
regions**



**5  
countries**



**100  
online  
participants**



**54  
offline  
participants**



# COUNTRY-PARTICIPANT



**Indonesia**



**Iran**



**Kazakhstan**



**Uzbekistan**



**Russian Federation**



# REGIONS OF RUSSIA

**Kaliningrad region**



**Moscow region**



**Republic of Sakha (Yakutia)**



**Penza region**



**Moscow**



**Republic of Tatarstan**



**Sverdlovsk region**



**Novosibirsk region**



**Republic of Buryatia**



**Primorsky Krai**



# TEAMS

## Regions of Russia

1. Kaliningrad region
2. Moscow
3. Moscow Region
4. Novosibirsk region
5. Penza region
6. Primorsky Krai
7. Sverdlovsk region
8. Republic of Tatarstan
9. Republic of Buryatia
10. Republic of Sakha (Yakutia)



## Countries

1. Indonesia
2. Iran
3. Kazakhstan
4. Uzbekistan
5. Russian Federation



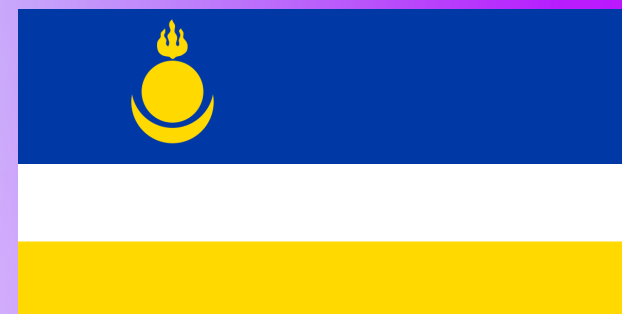


# Full-time participants



Republic of Buryatia

Physics and Mathematics School No. 56



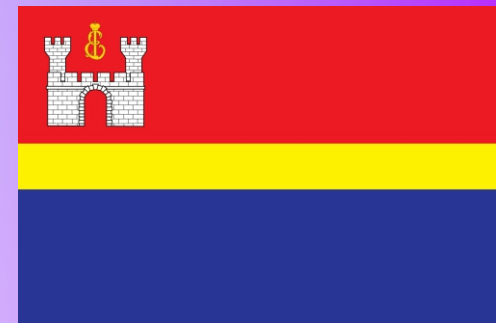


# Full-time participants

**ITO**  
International  
Tuymaada Olympiad  
— EST.1994 —



Kaliningrad region  
Lyceum 23 of Kaliningrad



# Full-time participants

**ITO**  
International  
Tuymaada Olympiad  
EST.1994



Novosibirsk region  
Specialized Educational Scientific Center,  
Novosibirsk State University





# Full-time participants



Primorsky Krai

Olympic training center "Formula"  
in Vladivostok

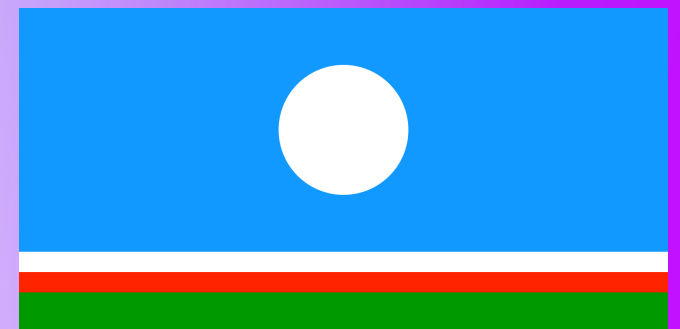




# Full-time participants



National Teams of the  
Republic of Sakha (Yakutia), Russia





# Organization of remote participation: proctoring





# JURY





# MATHEMATICS JURY



Dr. Evgenii Sharin  
Mr. Aleksandr Golovanov  
Mr. Andrey Vinokurov  
Mr. Egor Fedotov  
Mr. Erchimen Izbekov  
Mr. Ivan Kukharchuk  
Mr. Ilya Kysylbaikov  
Dr. Konstantin Kokhas  
Mr. Nikolai Dmitriev  
Mr. Nikolai Nikolaev  
Dr. Nikolai Popov  
Dr. Sergei Popov  
Mr. Stepan Safonov  
Mr. Tiit Pavlov  
Mr. Timofey Ponomarev

# PHYSICS JURY



Dr. Efim Neustroev  
Mr. Aleksandr Chudnovskiy  
Mr. Alexey Grigoriev  
Mr. Anatolii Kolodeznikov  
Dr. Anatolii Vlasov  
Mr. Victor Potapov  
Mr. Evgenii Boyakinov  
Ms. Kristina Pestriakova  
Mr. Petr Nogovitsyn  
Mr. Radimir Dyakonov  
Mr. Roman Gotovtsev  
Mr. Vadim Yakovlev  
Mr. Vasilii Moekov



# CHEMISTRY JURY



Dr. Alexandr Spiridonov  
PhD. Alexei Golikov  
Mr. Alexey Starostin  
Ms. Alina Kanaeva  
Mr. Artur Okoneshnikov  
Ms. Dolguiaana Sidorova  
PhD. Georgiy Emelyanov  
Dr. Marfa Makarova  
Dr. Marina Sokolova  
Mr. Nikolay Sleptsov  
Dr. Olga Gogoleva  
Dr. Tatiana Struchkova  
Ms. Tatiana Stepanova  
Mr. Semyon Sivtsev  
Mr. Sergey Pavlov  
Mr. Victor Reshetnikov



# INFORMATICS JURY



Dr. Natalia Nikolaeva  
Mr. Alexey Ivanov  
Mr. Baatyly Shamaev  
Mr. Dulustan Nikiforov  
Mr. Maxim Krylykov  
Mr. Nikolay Dmitriev  
Dr. Nikifor Pavlov  
Mr. Timur Kulichkin  
Mr. Vasily Bulatov  
Mr. Vasilii Parnikov  
Mr. Vladimir Everstov  
Mr. Vladimir Leveryev  
Dr. Yuri Antonov



# ORGANIZERS





# PARTNERS

КЭСКИЛ<sup>14</sup>



Российское  
общество  
Знание



ЦЕЛЕВОЙ  
ФОНД БУДУЩИХ  
ПОКОЛЕНИЙ

РЕСПУБЛИКИ САХА (ЯКУТИЯ)

