

ITO

International
Tuymaada Olympiad

— EST.1994 —

TUYYMAADA

The Mikhail Alekseev

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

2024

Dear friends, esteemed guests!

We welcome you to the Republic of Sakha (Yakutia) for the XXXI International Tuymaada Olympiad in Math, Physics, Chemistry and informatics!

Yakuts are always happy to have guests, it is a great honor for us to host the participants of our traditional Olympiad from different countries, regions of the Russian Federation. We are doubly pleased to interact with you — the young intellectual elite. We are confident that every participant will honorably represent their country and school.

We thank our partners — respectable members of the methodological committee and the jury, scientists of the Russian universities and scientific institutes of the Russian Federation, enthusiasts of the Olympiad movement for your invaluable contribution to the development of young talents.

We wish all participants of the Olympiad to show their best, to achieve their personal victory.

We wish you success, healthy rivalry, companionship and new friends!





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 “Odarennye 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 2024 the Jubilee 31th International Tuymaada Olympiad for school students is held from July 3 - 11 in a mixed format (online and offline).

PROGRAMME

July 3 10:00 AM	System testing, site verification, installation workshop for online participants on Mathematics, Chemistry. Trial tour in Informatics	Preparation of webcams, headphones. Logins and passwords have been sent to team leaders. Connect to the conference Zoom
July 3 02:00 - 03:00 PM	Cultural evening. Presentation of the teams via video connection.	Connect to the conference Zoom
July 4 11:00 AM - 12:00 PM	The grand opening of the M.Alekseev XXXI International Olympiad "Tuymaada" in mathematics, physics, chemistry and informatics	Connect to the conference Zoom
July 5 09:00 AM - 14:00 PM	Olympiad: the first day (first rounds)	Video surveillance system proctoring
July 6 09:00 AM - 14:00 PM	Olympiad: the second day (second rounds)	Video surveillance system proctoring
July 7	Olympiad: verification of works <i>(all day)</i>	

July 7 10:00 AM - 13:00 PM	The methodological seminar in an Ed Crunch format (for team leaders)	Connect to the conference Zoom
July 8	Olympiad: verification of works <i>(all day)</i>	
July 9 09:00 AM	Preliminary results of the Olympiad and the beginning of accepting applications for appeal in MATHEMATICS, PHYSICS, CHEMISTRY and INFORMATICS	Preliminary results are published on the Olympiad website http://tuymaada.lensky-kray.ru/en/ Acceptance of applications via the organizers' e-mail
July 9 09:00 AM	Appeal for participants of the Olympiad in MATHEMATICS, PHYSICS, CHEMISTRY and INFORMATICS	via the video communication platform (links will come later)
July 10 09:00 AM - 12:00 PM	Appeal for participants of the Olympiad in MATHEMATICS, PHYSICS, CHEMISTRY and INFORMATICS	via the video communication platform (links will come later)
July 11 11:00 AM	Closing ceremony of the M. Alekseev XXX International Olympiad "Tuymaada" in mathematics, physics, chemistry and informatics	Connect to the conference Zoom

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

№	Official Names	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Total
1	Agin-Buryat Autonomous Okrug, Russia																1
2	Altai Krai, Russia																24
3	Amur Oblast, Russia	10			1												11
4	Chelyabinsk Oblast, Russia		3	5	8												19
5	Chuvash Republic, Russia																1
6	Irkutsk Oblast, Russia	5	5	3	6	5	5										145
7	Kaliningrad Oblast, Russia	3	1					3	1								8
8	Kaluga region											2					2
9	Kamchatka Krai, Russia	1															3
10	Kemerovo Oblast, Russia																7
11	Khanty-Mansi Autonomous Okrug-Yugra, Russia																1
12	Krasnoyarsk Krai, Russia																10
13	Kurgan Oblast, Russia		2														2
14	Moscow, Russia				5	2		7		5		1		4	1	4	29
15	Moscow Oblast, Russia	2	2	1		7	8	3	3	3		6			4	8	62
16	Nizhny Novgorod Oblast,							1									22
17	Novosibirsk Oblast, Russia	3	3	3	3	3	6	4	3		2		8	20	11	15	93
18	Penza Oblast, Russia	1						1						3	3	3	13
19	Perm Krai, Russia																4
20	Primorsky Krai, Russia	5	5	6	5	3	8	5					4				77
21	Republic of Bashkortostan, Russia						2										2
22	Republic of Buryatia, Russia	1	1	2	4					9	7	10	7		4		65
23	Republic of Mordovia, Russia				6	5	15	11					5			1	48
24	Republic of North Ossetia- Alania, Russia							1									1
25	Republic of Sakha (Yakutia), Russia	62	57	54	51	54	56	61	54	83	52	39	37	48	47	42	1575
26	Republic of Tatarstan, Russia				11		5	7	8	10		12	12	37	18	8	137
27	Saint Petersburg, Russia		3	1	3	2	1					10	1				38
28	Samara Oblast, Russia							3									4
29	Sakhalin Oblast, Russia																4
30	Saratov Oblast, Russia							1									2
31	Sverdlovsk Oblast, Russia													10	18	25	54
32	Tomsk Oblast, Russia																29
33	Tyva Republic, Russia					2											31
34	Khabarovsk Krai, Russia																9
35	Yamalo-Nenets																3
36	Russian Federation Team	7	3	4	4	3	2	2									39
37	Rostov Oblast													17			17
38	Stavropol region														3		3
39	Voronezh Region														1		1
1	Alaska, U.S.A.																7
2	Federal Republic of Germany																27
3	Federal Democratic Republic of Nepal									1							1
4	French Republic																2
5	Hong Kong SAR, China									21							21
6	Islamic Republic of Iran										11	6	3	7			64
7	Kingdom of Belgium																14
8	Kingdom of Thailand																5
9	Kyrgyz Republic																1
10	Mongolia			15	15											1	43
11	People's Republic of Bangladesh									1							1
12	People's Republic of China																87
13	Republic of Azerbaijan																6
14	Republic of Belarus									1							1
15	Republic of Bulgaria		6					2			8	2	6				62
16	Republic of Indonesia	1			1	1			4			22	25	25	23	19	121
17	Republic of Kazakhstan	40	45	66	38	72	72	36	44	21	23	37	74	143	75	79	1017
18	Republic of Korea																7
19	Republic of Singapore								7	12	7	2	5	7	5		45
20	Republic of Tajikistan										5						5
21	Romania	23	24	23	24	23	24	18	20	24	37	3	22	34	4	4	499
22	Ufuk Fund Team, Turkey																10
23	United Mexican States																5
	Total	164	160	183	185	182	204	166	144	191	152	152	209	355	217	209	4647

31th International Tuymaada Olympiad

209
participants

61 offline
148 online

59 members of
Methodological
Commission
and Jury

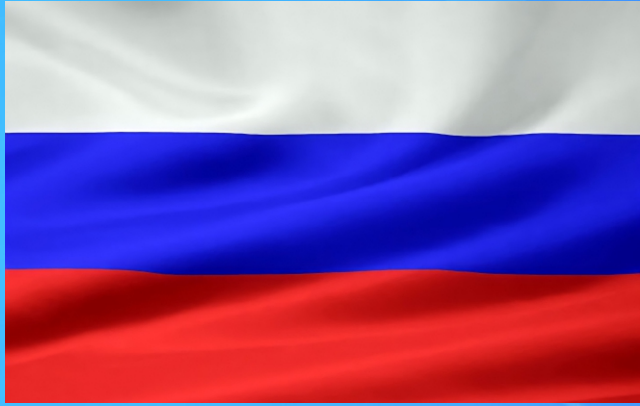
9 regions
of Russia



5 countries



COUNTRY-PARTICIPANT



RUSSIAN FEDERATION



ROMANIA



KAZAKHSTAN



INDONESIA



MONGOLIA

TEAMS

RUSSIAN FEDERATION

1. Specialized educational and scientific center (faculty) - boarding school named after A.N. Kolmogorov Moscow State University named after M.V. Lomonosov
2. P.L.Kapitsa PhysTech Lyceum for Natural Sciences and Mathematics
3. State budgetary educational institution of the Moscow region "Sergiev Posad Physics and Mathematics Lyceum"
4. Specialized Educational Scientific Center, Novosibirsk State University
5. Specialized Educational Scientific Center, the first President of Russia B.N.Yeltsin Uralskii Federal University
6. Gubernskii Lyceum State Budgetary Non-Standard Educational Institution, Penza Region
7. "Republican Lyceum for Gifted Children" of the Republic of Mordovia
8. Municipal autonomous educational institution "Lyceum No. 131" of the Vakhitovsky district of Kazan
9. First National Team of the Republic of Sakha (Yakutia)
10. Second National Team of the Republic of Sakha (Yakutia)

ROMANIA

1. National College Sfantul Sava, Bucharest
2. Liceul teoretic national

INDONESIA

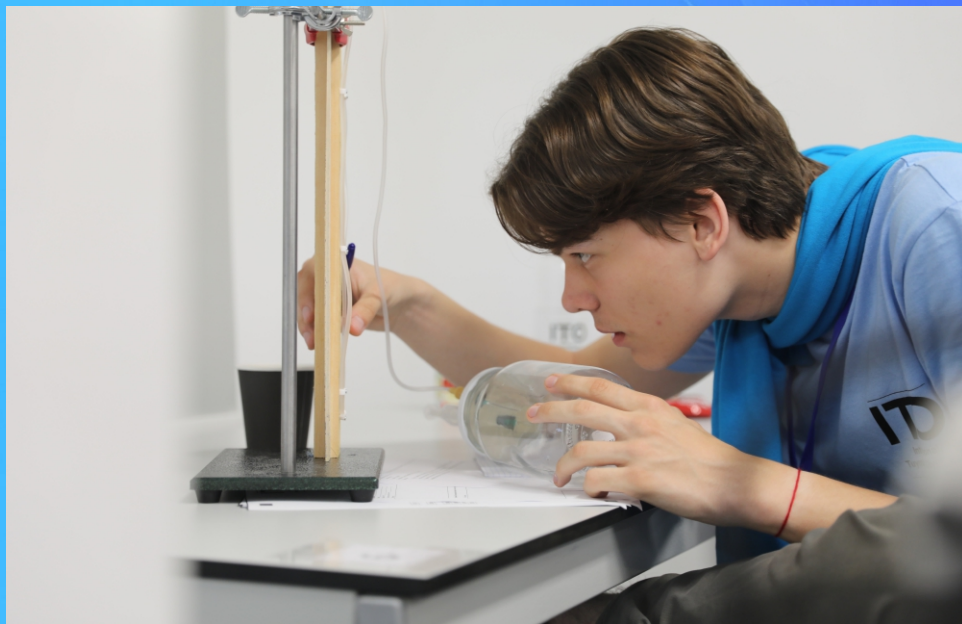
1. Wardaya College
2. Yayasan SIMETRI

REPUBLIC OF KAZAKHSTAN

Daryn, a Republic's Scientific and Practical Center,
Ministry of Education and Science, Kazakhstan

MONGOLIA

NUS High School for Mathematics and Science



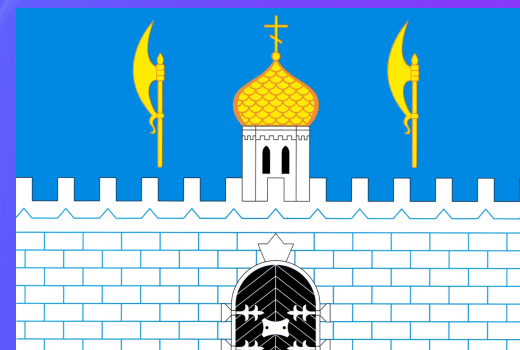


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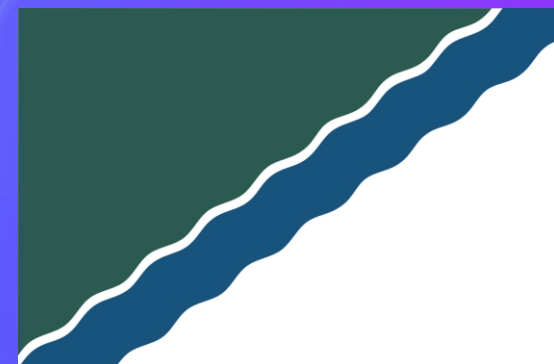
State budgetary educational institution
of the Moscow region «Sergiev Posad
Physics and Mathematics Lyceum»
(team leader Morozov Dmitriy, physics teacher)





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Specialized Educational Scientific Center,
Novosibirsk State University
(team leader Yuldasheva Mariya, senior lecturer)





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Specialized Educational Scientific Center,
the first President of Russia B.N.Yeltsin
Uralskii Federal University
Ekaterinburg, Russia
(team leader Chlenova Irina, physics and astronomy teacher)





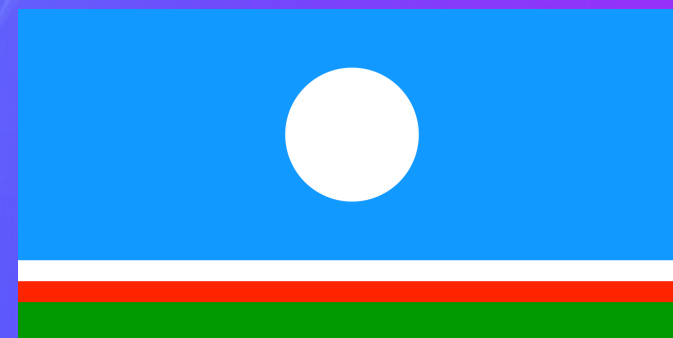
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«Republican Lyceum for Gifted Children»
of the Republic of Mordovia
(team leader Belyaev Yuriy, physics teacher)





National Teams of the
Republic of Sakha (Yakutia), Russia
(team leaders Tarskij Dmitrij, Yuliana Nikolaeva)



MATHEMATICS JURY



Dr. Evgenii Sharin
Mr. Aleksandr Golovanov
Dr. Konstantin Kokhas
Dr. Sergei Popov
Mr. Egor Fedotov
Mr. Erchimen Izbekov
Mr. Ilya Kysylbaikov
Mr. Makhmaddzhon Shokhrukhii
Mr. Nikolai Dmitriev
Mr. Nikolai Nikolaev
Dr. Nikolai Popov
Mr. Stepan Safonov
Mr. Semyon Verkhovtsev
Mr. Tiit Pavlov
Mr. Yan Vlasov

PHYSICS JURY

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Dr. Efim Neustroev
Mr. Aleksandr Chudnovskiy
Dr. Anatolii Vlasov
Mr. Victor Potapov
Mr. Alexey Grigoriev
Mr. Andrey Sleptsov
Mr. Evgenii Boyakinov
Mr. Petr Nogovitsyn
Mr. Radimir Dyakonov
Mr. Roman Gotovtsev
Mr. Sergey Ivanov
Mr. Stepan Efimov
Mr. Vadim Yakovlev
Mr. Vasilii Moekov

CHEMISTRY JURY



Dr. Marina Sokolova
Dr. Alexandr Spiridonov
Dr. Tatiana Struchkova
Dr. Viktoriya Vereikina
Mr. Alexey Starostin
Mr. Alexey Fedorov
Mrs. Anastasia Okoneshnikova
Mr. Artur Okoneshnikov
Mrs. Dolguiaana Sidorova
Mr. Georgiy Emelyanov
Mr. Nikolay Sleptsov
Mr. Semyon Sivtsev
Mr. Sergey Pavlov

INFORMATICS JURY



Dr. Natalia Nikolaeva
Dr. Nikifor Pavlov
Dr. Yuri Antonov
Dr. Sergey Volchenkov
Dr. Alexander Pavlov
Mr. Arsen Shumilov
Mr. Damir Mindaev
Mr. Denis Makarov
Mr. Dulustan Nikiforov
Mr. Maxim Krylykov
Mr. Nikolay Dmitriev
Mr. Timur Zykov
Mr. Vasily Bulatov
Mr. Vasilii Parnikov
Mr. Vitaly Ivanov
Mr. Vladimir Everstov
Mr. Vladimir Leveryev
Mr. Vladislav Obudov



PARTNERS



КЭСКИЛ¹⁴

ЦИКЛ

рекламно-производственная компания



МЕЖДУНАРОДНЫЙ
АЭРОПОРТ ЯКУТСК
ИМЕНИ ПЛАТОНА ОЙУНСКОГО