



PROGRAM

of Mathematical Modeling Tournament cum
IMMC Joint School Activity for high school students

Advanced Education Science Centre of Moscow
State University (AESC-MSU), Moscow, Russia
October 27 – November 3, 2019

27 October		Sunday
		TEAMS' ARRIVAL (whole day)
19:00-19:30	Dinner	
28 October		Monday
8:45-9:00	Breakfast	
9:00-13:00	Excursion to the Armoury Chamber (Moscow Kremlin museum)	
11:00-15:30	Registration of the Tournament participants	
14:00-14:30	Lunch	
15:15- 15:45	Opening ceremony, greetings from organizers and guests. Assembly Hall, 4th floor	
15:45-16:30	Dr. Henk van der Kooij (the Netherlands) <i>Modelling in Mathematics Education: Why and How?</i>	
16:30-17:00	Introduction of the problem for Math Modelling Contest	
17:10-17:30	Organization meeting of the team advisors. Handing out the M ² C task. Room 39	
19:00-19:30	Welcome dinner	
19:30-22:00	<i>Moscow Night Lights</i> . A visit to the scenic viewpoint over the Moskva river on the	
23:00	Lights out	
29 October		Tuesday
8:15-8:45	Breakfast	
9:00-11:00	Math Applied to Science (MATS) Olympiad (Optional for Intl Teams*)	
11:00 - 12:00	Coffee break.	
12:00 - 14:00	Math Around Us (MAU) Olympiad (Optional for Intl Teams*)	
11:00 - 15:00	MCCME book store. Lobby, 1st floor	
14:00-14:30	Lunch	
15:00-17:00	Free time	
17:00	Bas to State Kremlin Palace	
19:00-22:30	<i>Swan Lake</i> ballet at the State Kremlin Palace https://en.kremlinpalace.org/events/swan-lake-p-tchaikovsky-performance-of-the-	
23:00	Late Dinner; Lights out	
30 October		Wednesday
9:00-9:30	Breakfast	
10:00-21:00	Teams work on the M²C task. Papers to be submitted by 21:00	
10:00-13:15	Workshop for team advisors on teaching mathematical modeling in school, training teams for math modeling competitions, and organizing joint-school competitions. Round-table discussion. Room 39, 3rd floor.	
10:00-12:00	Dr. Henk van der Kooij: <i>How to integrate modeling activities in your classroom</i>	
12:15-12:45	Dr. Konstantin Avilov: <i>An applied math modeller's view on teaching math modelling at</i>	
12:45-13:15	Round table discussion	
14:00-14:30	Lunch	
19:00-19:30	Dinner	
21:00-23:00	Disco for students (lobby, 1 st floor)	
23:00	Lights out	

31 October		Thursday
8:00-8:30	Breakfast	
9:00-11:00	Empirical Optimization Contest (Optional for Intl Teams)	
11:30-12:30	Dr. Vladimir Dubrovsky. <i>Geometry on the move: interesting theorems illustrated by Mathkit software</i>	
12:30-14:00	Work on presentations	
14:00-14:30	Lunch	
15:00-19:00	Experience the Power of Mathematics and visit to Skolkovo TechnoPark	
19:00-19:30	Dinner	
20:00-23:00	Work on presentations	
23:00	Lights out	
1 November		Friday (suggestion)
9:30-14:30	M²C team presentations (9:30-10:30 for intl. Teams)	
11:00-13:00	Visit to MSU main tower. A Touch of Mathematics Tradition in Russia: Lecture by Prof. Yuri Nesterenko, Head of Number Theory Department	
14:00-15:00	Lunch outside	
15:00-17:00	Feel the Greatness of Modern Mathematics and Visit to the Lab/Museum of <i>Popular Mathematics</i> in Steklov Mathematics Institute of Russian Academy of Sciences	
17:00-18:00	Dinner outside	
18:00-23:00	<i>Moscow Virtuosi. Chamber Nights at the Moscow International House of Music</i>	
23:00	Lights out	
2 November		Saturday
9:00-9:30	Breakfast	
11:30-12:30	Closing and awarding ceremony (Assembly Hall)	
14:00-14:30	Lunch	
15:00-18:30	Excursion to <i>Kuskovo Estate Museum</i> .	
19:00-19:30	Dinner	
23:00	Lights out	
3 November		Sunday
9:00-9:30	Breakfast	
	TEAMS DEPART (whole day)	

The Program might be adjusted.