







## VI International Natural Sciences Tournament Extramural Round Results

*October 1, 2015*

### General Information about the Teams in Alphabetic Order






Team's name	Country <sup>1</sup>		University	Captain's name	Participation	
					Wave 1	Wave 2
137 versus 42	Russia		B.N.Yeltsin Ural Federal University	Mr. Boris Politov	○	●
Chack-Chack Norris	Russia		Kazan Federal University	Mr. Michael Yagofarov	●	○
ChemBash	Russia		Bashkir State University	Mr. Grigorii Ovchinnikov	○	●
Entropy	Belarus, Russia	 	Belarusian State University, Pirogov Russian National Medical University, Chuvash State University, Lomonosov Moscow State University of Fine Chemical Technologies	Miss Kate Gotina	○	●
Erudite	India		University of Mumbai	Mr. Sweta Singh	●	○

<sup>1</sup> Countries are proposed according to universities' locations and participants' origins.



Helmholtz Heirs	Germany, Czech Republic	 	The University of Bonn, Brno University of Technology	Miss Ulrike Anna Rudiger	○	●
Indonesia Youth Scientist	Indonesia		University of Indonesia	Mr. Adi Nurchahyo	●	○
MapleLeaf	Canada		University of Toronto, University of Oxford	Mr. Travis Dolynny	○	●
Mining University	Russia		National Mineral Resources University 'Gorniy'	Mr. Vadim Ippolitov	○	●
Nanotube	Italy, Poland, USA	  	Università degli Studi di Palermo, Lodz University of Technology, Michigan State University	Miss Rozalia Palczynska	○	●
Nascido Antonio Caetano de Abreu Freire de Resende	Portugal		Instituto Superior Tecnico	Mr. Tobias Lobo	●	○

Promethium	Malaysia		Universita Malaysia Sarawak	Mr. Jagath Rechathan Sivalingam	●	○
SG-50	China, Japan, Singapore		National University of Singapore	Mr. Siriani binti Biru	○	●
SPCPA-II	Russia		St. Petersburg Chemical & Pharmaceutical Academy	Mr. Denis Sapegin	●	○
SPbSU	Russia		St. Petersburg State University	Mr. Andrey Petrov	●	○
Scandium	Denmark, Norway, Sweden		Dansk Tekniske Universitet, Norsk Teknisk- naturvitenskapelige Universitet, Lund University	Mr. Niels Larsen	○	●
Siddhant	India		University of Mumbai	Mr. Amol Menge	●	○

The Landau-Lifschitz Thirteenth Volume	Ukraine		V.N. Karazin Kharkiv State University	Miss Iryna Zaporozhets	●	○
Ulyana	Russia		Lomonosov Moscow State University	Mr. Dmitrii Lukianov	●	●
Young Scientist	Indonesia		University of Indonesia	Mr. Muhammad Arif Darmawan	●	○
Youth Garuda	Indonesia		University of Indonesia	Mr. Hanif Mubarok	●	●
?	Serbia		University of Belgrade	Mr. Dragomir Kondratic	○	●

## Results of the Extramural Round

Team's name	Status for the intramural round 11-16 November, Saint-Petersburg
137 versus 42	Accepted
Chack-Chack Norris	Accepted
ChemBash	Accepted
Entropy	Accepted
Erudite	Accepted
Indonesian Youth Scientist	Accepted
Promethium	Accepted
SPCPA-II	Accepted
SPbSU	Accepted
The Landau-Lifschitz Thirteenth Volume	Accepted
Ulyana	Accepted
Helmholtz Heirs	Accepted (welcome)
Nanotube	Accepted (welcome)
Nascido Antonio Caetano de Abreu Freire de Resende	Accepted (welcome)
MapleLeaf	Accepted (welcome)
Scandium	Accepted (welcome)
SG-50	Accepted (welcome)
Team from Serbia	Accepted (welcome)
Mining University	Not Accepted
Siddhant	Not Accepted
Young Scientist	Not Accepted
Youth Garuda	Not Accepted

*Comments:*

**The Organizing committee decided to take 18 teams to the intramural round.**

**“Accepted”**: team is selected for the intramural round according to the ratings.

**“Accepted (welcome)”**: team is selected according to “Welcome rule” (please, see ‘An Approach to the Extramural Round Grading System at VI International Natural Sciences Tournament’ for more details).

**“Not Accepted”**: the team showed an excellent work through the Extramural round, unfortunately that was not enough to take part in the intramural round.

## Rankings after 1<sup>st</sup> wave of the Extramural Round

July 15, 2015

Team's name	Rank	Status for the intramural round 11-16 November, Saint-Petersburg
The Landau-Lifschitz Thirteenth Volume	1	Accepted
Chack-Chack Norris	2	Accepted
SPbSU	3	Accepted
SPCPA-II	4	Accepted
Promethium	5	Accepted
Indonesian Youth Scientist	6	Accepted
Erudite	7	Accepted
Youth Garuda	8	Sent for revision
Young Scientist	9	Sent for revision
Siddhant	10	Sent for revision
Nascido Antonio Caetano de Abreu Freire de Resende	11	Accepted (welcome)
Ulyana	-	Sent for revision

### Comments:

1. **“Sent for revision”**: the team showed the level of solution not enough for participation in the intramural round. However, the team had an opportunity to participate in the 2<sup>nd</sup> wave of the extramural round application on common basis (until September 20, 2015).  
*In case of ‘Ulyana’ team, only 2 solutions of 3 were presented; the team was asked to prepare the solution for the rest.*
2. Please, see the Detailed Grades and ‘An Approach to the Extramural Round Grading System at VI International Natural Sciences Tournament’ for details and references.
3. Please, note, you have an opportunity to get comments from our experts, which were provided throughout the evaluation process. You can contact our International league coordinator, Mr. Kirill Volosnikov, on this issue by e-mail: [participants@scitourn.com](mailto:participants@scitourn.com).

## Rankings after 2<sup>nd</sup> wave of the Extramural Round

October 1, 2015

Team's name	Rank	Status for the intramural round 11-16 November, Saint-Petersburg
Entropy	1	Accepted
137 versus 42	2	Accepted
ChemBash	3	Accepted
Ulyana	4	Accepted
Youth Garuda	5	Not Accepted
Mining University	6	Not Accepted
Scandium	7	Accepted (welcome)
Helmholtz Heirs	8	Accepted (welcome)
Nanotube	9	Accepted (welcome)
MapleLeaf	10	Accepted (welcome)
SG-11	11	Accepted (welcome)
Team from Serbia	12	Accepted (welcome)

### Comments:

1. The selection in the 2<sup>nd</sup> wave of the extramural round was made in the following order. First, the teams were selected according to the "Welcome rule" (6 teams). As the total number of the accepted teams was set to 18, only 4 vacant places came out for the competition. All the 6 participated teams took part on the common basis. The best 4 were selected according to rankings of the 2<sup>nd</sup> wave.
2. Please, see the Detailed Grades and 'An Approach to the Extramural Round Grading System at VI International Natural Sciences Tournament' for details and references.
3. Please, note, you have an opportunity to get comments from our experts, which were provided throughout the evaluation process. You can contact our International league coordinator, Mr. Kirill Volosnikov, on this issue by e-mail: [participants@scitourn.com](mailto:participants@scitourn.com).



## **Grading Criterion Numbers**

Below the detailed grades for each team are presented. There is no particular order of presenting the grades. The following numbers refer to:

- #1 - solution elaboration, scientific approach;
- #2 - solution originality (new and novel ideas, improvement of existing schemes, their presence and quality factor);
- #3 - literature review (analysis of original sources [books, articles, patents, dissertations, etc.], its completeness and authenticity);
- #4 - accuracy of task model (compliance to task conditions, indication of solution limitations);
- #5 - figures, schemes, formulas, reactions;
- #6 - logic and statement consistency;
- #7 - list of sources / references.

## **Extramural Round Experts**

- |                        |   |
|------------------------|---|
| Mr. Denis Baygozin     | - Chief product developer, Aquaphor corp.;<br>- Teacher for additional education, Chemical Center of Lyceum #239, Saint-Petersburg                          |
| Dr. Daria Navolotskaya | PhD in chemistry, tutor at Saint-Petersburg State University, Institute of Chemistry, Department of Analytical Chemistry.                                   |
| Dr. Alexander Kabanov  | PhD in biochemistry, senior lecturer at Saint-Petersburg State Chemical Pharmaceutical Academy  |
| Dr. Alexander Efremov  | PhD in biology, Works at Institute of Experimental Medicine, Russian Academy of Medical Sciences  |
| Dr. Oleg Silyukov      | PhD in Chemistry, research engineer, assistant professor, lecturer at Saint-Petersburg State University, Department of Chemical Kinetics and Thermodynamics |
| Dr. Andrey Mereschenko | PhD in Photochemistry (Bowling Green University, USA)<br>Assistant professor at Saint-Petersburg State University, Department of Inorganic Chemistry.       |





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## **Detailed Grades for the 1<sup>st</sup> wave of the Extramural Round**



**Malaysia / Promethium | Ranking after the Extramural Round<sup>2</sup>: 5**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	3	1	2	1	2	2	2	13	0,65	1,09090909	0,875730	3,215
	Dr. Navolotskaya	1	0	2	2	0	1	0	6	0,30	0,66055046		
Task 2	Dr. Kabanov	3	0	2	3	0	3	2	13	0,65	1,03311258	1,090086	
	Mr. Efremov	3	1	3	3	0	2	1	13	0,65	1,14705882		
Task 3	Dr. Silyukov	2	1	3	2	1	2	2	13	0,65	1,25438596	1,249217	
	Dr. Mereschenko	4	2	3	4	1	3	2	19	0,95	1,24404762		

<sup>2</sup> Please, note hereinafter the rank is shown according to the result of the 1<sup>st</sup> wave of the extramural round



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**Russia / SPCPA-II | Ranking after the Extramural Round: 4**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	4	1	2	3	2	3	2	17	0,85	1,42657343	1,538975	3,810
	Dr. Navolotskaya	3	2	1	4	2	3	0	15	0,75	1,65137615		
Task 2	Dr. Kabanov	2	1	3	3	2	3	2	16	0,80	1,27152318	0,988703	
	Mr. Efremov	2	1	0	2	2	1	0	8	0,40	0,70588235		
Task 3	Dr. Silyukov	3	1	1	2	2	2	2	13	0,65	1,25438596	1,281955	
	Dr. Mereschenko	4	2	3	4	2	3	2	20	1,00	1,30952381		



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**Indonesia / Young Scientist | Ranking after the Extramural Round: 9**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	2	2	2	1	1	2	2	12	0,60	1,00699301	0,723680	2,123
	Dr. Navolotskaya	0	1	1	1	1	0	0	4	0,20	0,44036697		
Task 2	Dr. Kabanov	2	1	1	2	1	1	1	9	0,45	0,71523179	0,489969	
	Mr. Efremov	1	0	0	1	0	1	0	3	0,15	0,26470588		
Task 3	Dr. Silyukov	1	1	1	1	1	1	2	8	0,40	0,77192982	0,909774	
	Dr. Mereschenko	3	1	2	4	1	3	2	16	0,80	1,04761905		



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**Indonesia / Youth Garuda | Ranking after the Extramural Round: 8**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	1	1	1	2	1	1	2	9	0,45	0,75524476	0,542760	2,184
	Dr. Navolotskaya	1	0	1	0	0	0	1	3	0,15	0,33027523		
Task 2	Dr. Kabanov	1	0	2	1	0	1	1	6	0,30	0,47682119	0,635469	
	Mr. Efremov	3	1	1	1	0	3	0	9	0,45	0,7911765		
Task 3	Dr. Silyukov	2	1	1	1	1	2	2	10	0,50	0,96491228	1,006266	
	Dr. Mereschenko	3	1	2	4	1	3	2	16	0,80	1,04761905		



**Indonesia / Indonesian Youth Scientist | Ranking after the Extramural Round: 6**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	3	1	2	3	2	2	2	15	0,75	1,25874126	1,014692	2,745
	Dr. Navolotskaya	1	0	2	2	0	1	1	7	0,35	0,77064220		
Task 2	Dr. Kabanov	2	0	1	2	1	1	1	8	0,40	0,63576159	0,935528	
	Mr. Efremov	3	2	1	3	1	3	1	14	0,70	1,23529412		
Task 3	Dr. Silyukov	1	2	1	1	1	1	2	9	0,45	0,86842105	0,794330	
	Dr. Mereschenko	2	1	1	1	1	3	2	11	0,55	0,72023810		



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**India / Erudite | Ranking after the Extramural Round: 7**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	1	1	1	0	0	1	1	5	0,25	0,41958042	0,319882	2,497
	Dr. Navolotskaya	1	0	0	0	0	0	1	2	0,10	0,22018349		
Task 2	Dr. Kabanov	2	1	3	4	0	3	2	15	0,75	1,19205298	1,169556	
	Mr. Efremov	3	2	2	2	2	1	1	13	0,65	1,14705882		
Task 3	Dr. Silyukov	1	1	2	1	0	1	2	8	0,40	0,77192982	1,007989	
	Dr. Mereschenko	3	2	3	4	2	3	2	19	0,95	1,24404762		



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**India / Siddhant | Ranking after the Extramural Round: 10**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	1	1	1	1	0	1	2	7	0,35	0,58741259	0,348752	1,820
	Dr. Navolotskaya	0,5	0	0	0	0	0	0,5	1	0,05	0,11009174		
Task 2	Dr. Kabanov	2	1	2	2	0	2	1	10	0,5	0,79470199	0,838527	
	Mr. Efremov	3	2	1	2	0	2	0	10	0,5	0,88235294		
Task 3	Dr. Silyukov	1	1	1	1	0	1	2	7	0,35	0,67543860	0,632362	
	Dr. Mereschenko	1	1	1	4	0	1	1	9	0,45	0,58928571		





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**Russia / Chack-Chack Norris | Ranking after the Extramural Round: 2**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	3	2	2	2	2	3	2	16	0,80	1,34265734	1,662154	4,376
	Dr. Navolotskaya	3	1	3	4	2	3	2	18	0,90	1,98165138		
Task 2	Dr. Kabanov	4	2	3	4	2	3	2	20	1,00	1,58940397	1,677055	
	Mr. Efremov	4	2	3	4	2	3	2	20	1,00	1,76470588		
Task 3	Dr. Silyukov	2	1	2	2	1	2	2	12	0,60	1,15789474	1,037281	
	Dr. Mereschenko	2	0	3	2	2	3	2	14	0,70	0,91666667		



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**Ukraine / The Landau-Lifschitz Thirteenth Volume | Ranking after the Extramural Round: 1**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	2	1	2	3	1	3	2	14	0,70	1,17482517	1,633284	4,521
	Dr. Navolotskaya	4	1	3	4	2	3	2	19	0,95	2,09174312		
Task 2	Dr. Kabanov	3	2	3	4	2	3	2	19	0,95	1,50993377	1,460849	
	Mr. Efremov	3	2	2	3	2	2	2	16	0,80	1,41176471		
Task 3	Dr. Silyukov	3	1	3	2	2	3	2	16	0,80	1,54385965	1,426692	
	Dr. Mereschenko	4	2	3	4	2	3	2	20	1,00	1,30952381		



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**Russia / SPbSU | Ranking after the Extramural Round: 3**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	4	1	2	2	2	3	2	16	0,80	1,34265734	1,497017	3,878
	Dr. Navolotskaya	2	2	3	3	1	2	2	15	0,75	1,65137615		
Task 2	Dr. Kabanov	2	0	2	2	2	2	2	12	0,60	0,95364238	1,050351	
	Mr. Efremov	3	2	2	3	1	2	1	14	0,65	1,14705882		
Task 3	Dr. Silyukov	2	0	2	3	2	3	2	14	0,70	1,35087719	1,330201	
	Dr. Mereschenko	4	2	3	4	2	3	2	20	1,00	1,30952381		



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**Portugal / Nascido Antonio Caetano de Abreu Freire de Resende | Ranking after the Extramural Round: 11**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	1	0	0	1	0	1	0	3	0,15	0,25174825	0,125874	0,821
	Dr. Navolotskaya	0	0	0	0	0	0	0	0	0,00	0,00000000		
Task 2	Dr. Kabanov	0	0	2	1	1	2	0	6	0,30	0,047682119	0,370764	
	Mr. Efremov	1	0	0	0	1	1	0	3	0,15	0,26470588		
Task 3	Dr. Silyukov	1	0	1	1	0	1	0	4	0,20	0,38596491	0,323935	
	Dr. Mereschenko	1	0	1	1	0	1	0	4	0,20	0,26190475		



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## **Detailed Grades for the 2<sup>nd</sup> wave of the Extramural Round**



**Russia / Ulyana | Ranking after the Extramural Round<sup>3</sup>: 4**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	4	2	2	2	2	2	2	16	0,80	1,34265734	1,717200	3,336
	Dr. Navolotskaya	4	2	3	4	1	3	2	19	0,95	2,09174312		
Task 2	Dr. Kabanov	3	1	3	4	1	3	2	19	0,85	1,35099338	1,293144	
	Dr. Efremov	3	2	2	3	1	2	1	14	0,70	1,23529412		
Task 3	Dr. Siliukov	0	0	0	1	1	0	0	2	0,10	0,19298246	0,325658	
	Dr. Mereschenko	0	1	1	1	1	1	1	6	0,35	0,45833333		

<sup>3</sup> Please, note hereinafter the rank is shown according to the result of the 2<sup>nd</sup> wave of the extramural round



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**Indonesia / Youth Garuda | Ranking after the Extramural Round: 5**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	2	1	2	2	2	3	2	14	0,70	1,27272727	1,377104	3,232
	Dr. Navolotskaya	2	1	1	2	1	1	2	10	0,50	1,48148148		
Task 2	Dr. Kabanov	3	2	2	3	2	2	1	15	0,75	1,05882353	0,940371	
	Dr. Efremov	2	1	1	2	1	2	1	10	0,50	0,82191781		
Task 3	Dr. Silyukov	1	0	1	1	1	1	1	6	0,30	0,84000000	0,914565	
	Dr. Mereschenko	1	1	1	4	1	3	2	13	0,65	0,98913404		



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**Denmark, Norway & Sweden / Scandium | Ranking after the Extramural Round: 7**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	1	1	0	2	0	0	0	4	0,20	0,36363636	0,255892	0,516
	Dr. Navolotskaya	1	0	0	0	0	0	0	1	0,05	0,14814815		
Task 2	Dr. Kabanov	0	0	0	0	0	0	0	0	0,00	0,00000000	0,000000	
	Dr. Efremov	0	0	0	0	0	0	0	0	0,00	0,00000000		
Task 3	Dr. Silyukov	0	1	0	0	0	0	0	1	0,05	0,14000000	0,260217	
	Dr. Mereschenko	0	2	0	2	0	1	0	5	0,25	0,38043478		





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**Germany / Helmholtz Heirs | Ranking after the Extramural Round: 9**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	0	0	0	0	0	0	0	0	0,00	0,00000000	0,000000	0,323
	Dr. Navolotskaya	0	0	0	0	0	0	0	0	0,00	0,00000000		
Task 2	Dr. Kabanov	1	1	1	2	1	2	0	8	0,40	0,56470588	0,323449	
	Dr. Efremov	1	0	0	0	0	0	0	1	0,05	0,08219178		
Task 3	Dr. Silyukov	0	0	0	0	0	0	0	0	0,00	0,00000000	0,000000	
	Dr. Mereschenko	0	0	0	0	0	0	0	0	0,00	0,00000000		



**Italy, Poland & USA / Nanotube | Ranking after the Extramural Round: 8**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	1	2	1	1	0	1	0	6	0,30	0,54545455	0,346801	0,347
	Dr. Navolotskaya	1	0	0	0	0	0	0	1	0,05	0,14814815		
Task 2	Dr. Kabanov	0	0	0	0	0	0	0	0	0,00	0,00000000	0,000000	
	Dr. Efremov	0	0	0	0	0	0	0	0	0,00	0,00000000		
Task 3	Dr. Silyukov	0	0	0	0	0	0	0	0	0,00	0,00000000	0,000000	
	Dr. Mereschenko	0	0	0	0	0	0	0	0	0,00	0,00000000		



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**Belarus & Russia / Entropy | Ranking after the Extramural Round: 1**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	4	2	3	4	2	2	2	19	0,95	1,72727273	2,345118	5,432
	Dr. Navolotskaya	4	2	3	4	2	3	2	20	1,00	2,96296296		
Task 2	Dr. Kabanov	3	2	3	3	2	3	2	18	0,90	1,27058824	1,416116	
	Dr. Efremov	4	2	3	3	2	3	2	19	0,95	1,56164384		
Task 3	Dr. Silyukov	2	1	1	2	2	1	2	13	0,65	1,82000000	1,670870	
	Dr. Mereschenko	4	2	3	4	2	3	2	20	1,00	1,52173913		



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**Russia / Mining University | Ranking after the Extramural Round: 6**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	2	1	1	1	2	2	2	11	0,55	1,00000000	0,870370	2,592
	Dr. Navolotskaya	1	0	1	0	1	1	1	5	0,25	0,74074074		
Task 2	Dr. Kabanov	1	1	1	1	1	1	1	7	0,35	0,49411765	0,699144	
	Dr. Efremov	2	1	2	2	1	2	1	11	0,55	0,90410959		
Task 3	Dr. Silyukov	1	1	1	1	1	1	1	7	0,35	0,98000000	1,022609	
	Dr. Mereschenko	2	2	1	4	1	3	1	14	0,70	1,06521739		



**Singapore / SG-50 | Ranking after the Extramural Round: 11**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	0	0	0	0	1	0	0	1	0,05	0,09090909	0,045455	0,045
	Dr. Navolotskaya	0	0	0	0	0	0	0	0	0,00	0,00000000		
Task 2	Dr. Kabanov	0	0	0	0	0	0	0	0	0,00	0,00000000	0,000000	
	Dr. Efremov	0	0	0	0	0	0	0	0	0,00	0,00000000		
Task 3	Dr. Silyukov	0	0	0	0	0	0	0	0	0,00	0,00000000	0,000000	
	Dr. Mereschenko	0	0	0	0	0	0	0	0	0,00	0,00000000		



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**Russia / ChemBash | Ranking after the Extramural Round: 3**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	4	2	3	3	2	2	2	18	0,90	1,63636364	1,484848	4,051
	Dr. Navolotskaya	1	1	1	2	1	1	2	9	0,45	1,33333333		
Task 2	Dr. Kabanov	3	2	3	3	2	3	2	18	0,90	1,27058824	1,251732	
	Dr. Efremov	3	1	2	3	1	3	2	15	0,75	1,23287671		
Task 3	Dr. Silyukov	1	0	2	2	1	1	2	9	0,45	1,26000000	1,314783	
	Dr. Mereschenko	3	1	3	4	2	3	2	18	0,90	1,36956522		



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**Russia / 137 versus 42 | Ranking after the Extramural Round: 2**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	2	1	3	3	2	2	2	15	0,75	1,36363636	1,274411	4,314
	Dr. Navolotskaya	1	1	1	1	1	2	1	8	0,40	1,18518519		
Task 2	Dr. Kabanov	4	2	3	3	2	3	2	19	0,95	1,34117647	1,369218	
	Dr. Efremov	3	2	3	3	2	2	2	17	0,85	1,39726027		
Task 3	Dr. Silyukov	2	1	2	3	2	2	1	13	0,65	1,82000000	1,670870	
	Dr. Mereschenko	4	2	3	4	2	3	2	20	1,00	1,52173913		



**Canada / MapleLeaf | Ranking after the Extramural Round: 10**

Task No.	Grading criterion #	1	2	3	4	5	6	7	Total	Normalized to Possible Max.	Normalized to Expert Average	Task Average	Task Total
	Possible Max, pt.	4	2	3	4	2	3	2	20				
Task 1	Mr. Baigozin	0	0	0	0	0	0	0	0	0,00	0,00000000	0,000000	0,146
	Dr. Navolotskaya	0	0	0	0	0	0	0	0	0,00	0,00000000		
Task 2	Dr. Kabanov	0	0	0	0	0	0	0	0	0,00	0,00000000	0,000000	
	Dr. Efremov	0	0	0	0	0	0	0	0	0,00	0,00000000		
Task 3	Dr. Silyukov	0	0	0	0	1	0	0	1	0,05	0,14000000	0,146087	
	Dr. Mereschenko	0	0	1	0	1	0	0	2	0,14	0,15217391		