

The 2018 All-Ukrainian Collegiate Programming Contest

Southern Region report

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written by Eugeny Berkunsky, NUoS, Mykolaiv, Ukraine

The 2018 AUCPC Ukraine Southern Contest took place on April, 21, 2018. This year 126 teams from 30 universities and academia of five southern Ukrainian regions have participated in the contest.

The participating regions of the south of Ukraine were: AR Crimea, Kherson, Mykolaiv, Odesa, Zaporizhzhia.

We are grateful to our sponsors, which have made this contest unforgettable.

This year sponsors of the Southern-Ukrainian Contest are:



The contest for the south of Ukraine was conducted with the help of [e-judge system](#) running at Mykolaiv Region Institute of Postgraduate Pedagogical Education - <http://olymp.moippo.org.ua>

According to the [reservation](#), the distribution of teams on sites was as follows:

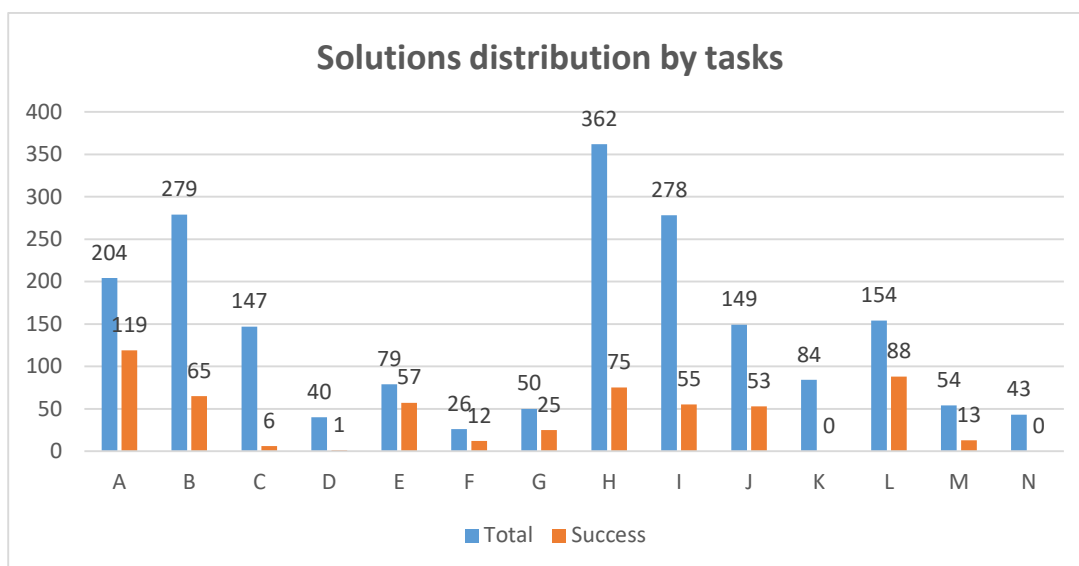
AR Crimea (Simferopol)	0 teams
Kherson	9 Teams
Mykolaiv	21 Teams
Odesa (ONAFТ)	10 Teams
Odesa (ONU)	16 Teams
Odesa (ONPU)	16 Teams
Zaporizhzhia	38 Teams
High School Mykolaiv	4 teams
High School Odesa (ONU)	1 team
High School Zaporizhzhya	11 teams

The set of tasks for all sites was the same. It can be found [here](#).

The scoreboard indicating the current standings of teams was maintained by e-judge system, and can be found [here](#) and [here](#).

The distribution of correct solutions of contest tasks across Ukraine Southern Contest this year is as follows (see in tabular and in graph forms):

Task	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Total:	204	279	147	40	79	26	50	362	278	149	84	154	54	43
Success:	119	65	6	1	57	12	25	75	55	53	0	88	13	0
%:	58%	23%	4%	3%	72%	46%	50%	21%	20%	36%	0%	57%	26%	0%



The lists of teams together with their results is described below (separated by sites).

1) AR Crimea

No commands this year

2) Kherson

Top 3 teams of this site are:

Place	Absolute place	Team	Institution	Task solved	Total time
1	49	KDU Coders-1		5	504
2	63	KhPTC ONPU Polytech Pro		4	633
3	65	KhNTU_KDA		4	655

3) Mykolaiv

Top 10 teams of this site are:

Place	Absolute place	Team	Institution	Task solved	Total time
1	3	BSNU_TopSquad	Petro Mohyla Black Sea National University	11	1171
2	8	NUS_Long	Admiral Makarov National University of Shipbuilding	10	1431
3	22	BSNU_nonames	Petro Mohyla Black Sea National University	8	989
4	23	NUS_WhiteClothes	Admiral Makarov National University of Shipbuilding	8	1125
5	24	MNU_Astrum	V.O. Sukhomlynsky Mykolaiv National University	8	1178

6	43	NUS_UFO	Admiral Makarov National University of Shipbuilding	6	743
7	44	MNU_PanicTime	V.O. Sukhomlynsky Mykolaiv National University	6	1052
8	52	NUS_Prototype	Admiral Makarov National University of Shipbuilding	5	716
9	58	NUS_Jedis	Admiral Makarov National University of Shipbuilding	5	841
10	60	NUS_Digital_Crusaders	Admiral Makarov National University of Shipbuilding	4	317

4) Zaporizhzhia

Top 10 teams of this site are:

Place	Absolute place	Team	Institution	Task solved	Total time
1	10	BSPU_Code_junkies	Berdiansk State Pedagogical University	9	650
2	13	ZNTU_Kappatalize	Zaporizhzhya National Technical University	9	808
3	18	ZSEA_Coders are not nerds	Zaporizhzhya State Engineering Academy	9	1229
4	19	ZNTU_Pro100Team	Zaporizhzhya National Technical University	8	873
5	21	ZSEA_Random - my home	Zaporizhzhya State Engineering Academy	8	943
6	30	ZNTU_JustMagiC++	Zaporizhzhya National Technical University	7	875
7	34	ZNTU_CoRe	Zaporizhzhya National Technical University	7	1053
8	35	ZNTU_PiecesOfFlare	Zaporizhzhya National Technical University	7	1069
9	36	ZNTU_NewProject	Zaporizhzhya National Technical University	7	1320
10	41	BSPU_RuntimeException	Berdiansk State Pedagogical University	6	630

5) Odesa: Odesa National Academy of Food Technologies, Odesa National Mechnikov University, Odesa National Polytechnic University

Top 10 teams at each Odesa site are:

Odesa National Mechnikov University

Place	Absolute place	Team	Institution	Task solved	Total time
1	4	ONU_Luckomotive	Odesa National Mechnikov University	10	644
2	6	ONU_Rabid_Pandas	Odesa National Mechnikov University	10	1065
3	7	ONU_HugsOfBugs	Odesa National Mechnikov University	10	1175
4	9	ONU_cat_POWER	Odesa National Mechnikov University	9	638
5	15	ONU_NotUNIX	Odesa National Mechnikov University	9	849
6	16	ONU_KappaPride	Odesa National Mechnikov University	9	1086
7	33	ONU_Brainstorm	Odesa National Mechnikov University	7	1026
8	37	ONAT_PI_guys	Odesa National Academy of Telecommunications	7	1150
9	40	ONU_Integral_Raccoons	Odesa National Mechnikov University	6	585
10	46	ONU_42	Odesa National Mechnikov University	6	1143

Odesa National Politechnical University

Place	Absolute place	Team	Institution	Task solved	Total time
1	2	ONPU_GreenDay	Odesa National Politechnical University	11	1166
2	5	ONPU_GirlsWhoCode	Odesa National Politechnical University	10	965
3	12	ONPU_Fikus	Odesa National Politechnical University	9	766
4	20	ONPU_Fikus	Odesa National Politechnical University	8	903
5	25	ONPU_TRI_YAKORYA	Odesa National Politechnical University	8	1321
6	26	ONPU_Rabotyagi	Odesa National Politechnical University	7	521
7	27	ONPU_Tomatoes	Odesa National Politechnical University	7	758
8	31	ONPU_ThreeChins	Odesa National Politechnical University	7	912
9	32	ONPU Generated	Odesa National Politechnical University	7	1020
10	42	ONPU_BrainDead	Odesa National Politechnical University	6	721

Odesa National Academy of Food Technologies

Place	Absolute place	Team	Institution	Task solved	Total time
1	57	ONAFIT_NewcomersInIT2.0	Odesa National Academy of Food Technologies	5	780
2	59	cOTC_ONAFIT_tap	Odessa Technical College ONAFIT	5	1080
3	66	cOTC_ONAFIT_First	Odessa Technical College ONAFIT	4	671
4	69	cOCIA_ONAFIT_ZBites	Odessa College of Industrial Automation	4	720
5	81	ONAFIT_Snowden	Odesa National Academy of Food Technologies	3	995
6	92	cOCIA_ONAFIT_Newcomers_Coders	Odessa College of Industrial Automation	2	332
7	99	ONAFIT_Programmer(net)	Odesa National Academy of Food Technologies	2	708
8	107	cOCIA_ONAFIT_Olymp	Odessa College of Industrial Automation	1	37
9	116	cOTC_ONAFIT_second	Odessa Technical College ONAFIT	1	159
10	117	ONAFIT_Pretty_girls	Odesa National Academy of Food Technologies	1	182

Additionally, teams from schools were invited to participate in the contest, with taking their results into account for general standings for the south of Ukraine.

6) High School Odesa

Only One Team, but is best of South:

Place	Absolute place	Team	Institution	Task solved	Total time
1	1	ONUs_2toThe30th	Richelieu Lyceum	11	961

7) High School Zaporizhzhya

All results from this site:

Place	Absolute place	Team	Institution	Task solved	Total time
1	14	sES16_Berdyansk_KPZ	Berdyansk State Pedagogical University	9	823
2	17	sG28_Zaporizhzhya_Megabyte	Gymnasia №28 (Zaporizhzhya)	9	823
3	29	sG28_Zaporizhzhya_Megabyte	Gymnasia №28 (Zaporizhzhya)	7	817
4	36	sZMLL99_Zaporizhzhya_MegaTeam	Zaporozhye Multi-discipline Lyceum №99	7	1100
5	48	sZG31_Zaporizhzhya_English	ZNTU Zaporizhzhya Lyceum №62	6	1372
6	56	sZL62_Zaporizhzhya_team1	ZNTU Zaporizhzhya Lyceum №62	5	757
7	73	sZL62_Zaporizhzhya_team1	ZNTU Zaporizhzhya Lyceum №62	3	356
8	80	sG28_Zaporizhzhya_deal	Gymnasia №28 (Zaporizhzhya)	3	646
9	83	sG28_Zaporizhzhya_deal	Gymnasia №28 (Zaporizhzhya)	2	199
10	103	sG28_Zaporizhzhya_deal	Gymnasia №28 (Zaporizhzhya)	1	25
11	115	sZL62_Zaporizhzhya_JusticeTeam	ZNTU Zaporizhzhya Lyceum №62	1	152

8) High School Mykolaiv

All results from this site:

Place	Absolute place	Team	Institution	Task solved	Total time
1	11	s_MMC-1	V.D.Chaika Mykolaiv Municipal Collegium	9	716
2	28	s_NUS_MT_AKA	Mykolaiv Team Admiral Makarov National University of Shipbuilding	7	777
3	39	s_MMC-2	V.D.Chaika Mykolaiv Municipal Collegium	6	463
4	53	s_MMC-3	V.D.Chaika Mykolaiv Municipal Collegium	5	718

The coordinators are grateful to all participants and colleagues. Special thanks for cooperation to Volodymyr Mesyura (Vinnytsia National Technical University).

Finally, the program of the contest was as follows:

Date/time	Action
April, 21, 8-45 – 9-15	Teams registration
April, 21, 9-15 – 9-30	Opening procedure
April, 21, 9-30 – 9-45	Sortition
April, 21, 10-00 – 15-00	Main contest
April, 21, 15-05 – 15-40	Tasks solution discussion
April, 21, 15-40 – 16-10	Awarding procedure

This year coordinators are:

- 1) Zaporizhzhia site: **Natalya Myronova** Zaporizhzhya National Technical University
- 2) Mykolaiv site: **Eugeny Berkunsky** Admiral Makarov National University of Shipbuilding
- 3) Kherson site: **Dmitriy Kirichuk** Kherson National Technical University
- 4) Odesa (ONAFI) site: **Alfiia Antonova** Odesa National Academy of Food Technologies
- 5) Odesa (ONU) site: **Igor Mazurok** Odesa National Mechnikov University
- 6) Odesa (ONPU) site: **Victoriia Ruvinskaya** Odesa National Politechnical University