

# The 2020 All-Ukrainian Southwestern Contest report

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The 2020 AUCPC Ukraine Southwestern Contest took place on September, 26, 2020. This year 129 teams from 10 universities and 7 colleges of four southwestern Ukrainian regions have participated in the contest.

The participating regions of the southwest of Ukraine were: Chernivtsi, Khmelnytskyi, Ternopil, and Vinnytsia.

The contest for the southwest of Ukraine was conducted with the help of [e-judge system](#), situated at Ternopil National Pedagogical University — <http://olimp.tnpu.edu.ua/>.

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

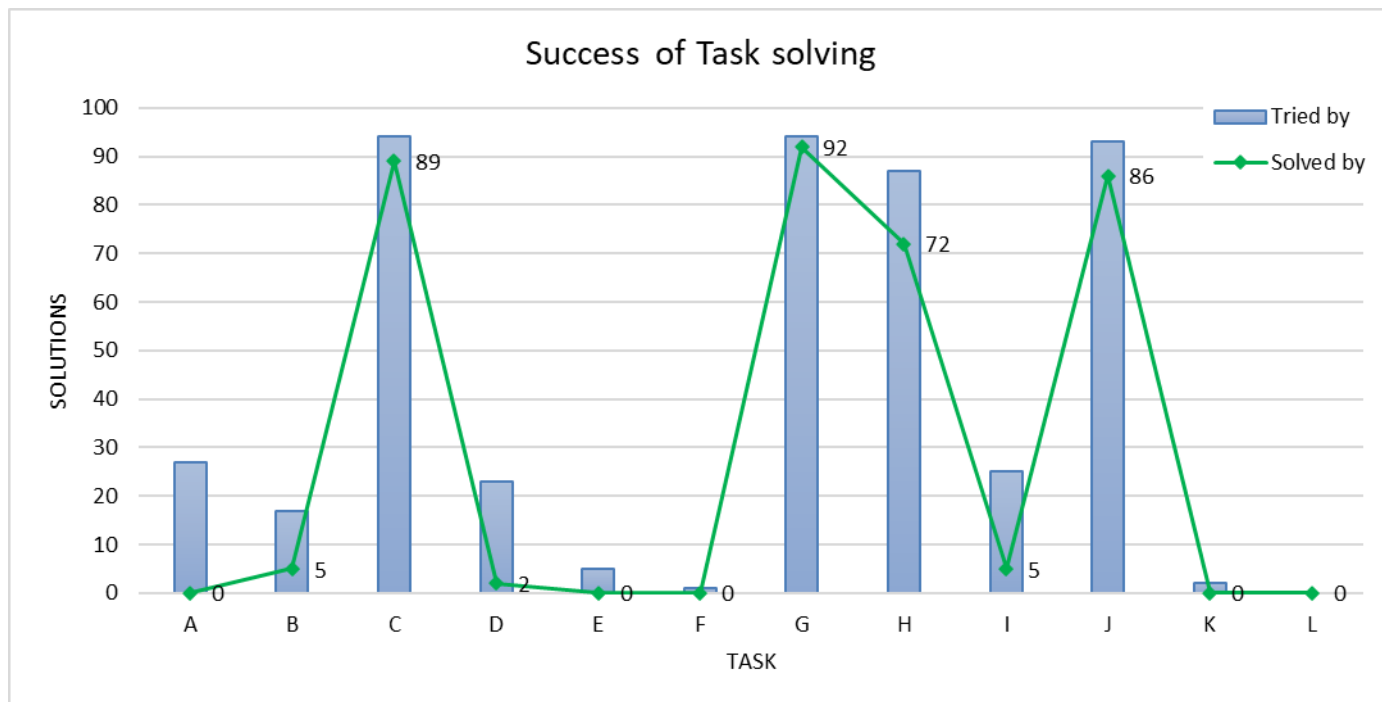
Chernivtsi	37 teams
Khmelnytskyi	14 teams
Ternopil	28 teams
Vinnytsia (VNTU)	44 teams
Vinnytsia (VSPU)	6 teams

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](#).

The distribution of correct solutions of contest tasks across Ukraine Southwestern 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
Tried by	27	17	94	23	5	1	94	87	25	93	2	0
Solved by	0	5	89	2	0	0	92	72	5	86	0	0
%	0%	29%	95%	9%	0%	0%	98%	83%	20%	92%	0%	0%



The list of teams together with their results is described below.

### 1) Chernivtsi : Yuriy Fed'kovijch Chernivtsi National University

Rank	Place	Team	Institution	Solved	Time
1	9	ChNU_FMI_PurCharm	Yuriy Fed'kovijch Chernivtsi National University	4	96
2	11	ChNU_FMI_BROS	Yuriy Fed'kovijch Chernivtsi National University	4	106
3	14	ChNU_FMI_BLMP	Yuriy Fed'kovijch Chernivtsi National University	4	114
4	17	ChNU_MPCC_Main	Yuriy Fed'kovijch Chernivtsi National University	4	130
5	34	ChNU_FMI_Underdogs	Yuriy Fed'kovijch Chernivtsi National University	4	279
6	36	ChNU_FMI_Gusi	Yuriy Fed'kovijch Chernivtsi National University	4	285
7	37	ChNU_MPCC_Noname	Yuriy Fed'kovijch Chernivtsi National University	4	289
8	40	ChNU_FMI_Factorial_v2.0	Yuriy Fed'kovijch Chernivtsi National University	4	297
9	46	College_chnu_2020_best	Chernivtsi National University	4	334
10	48	CHNU_KKN_GachiCode	Yuriy Fed'kovijch Chernivtsi National University	4	349
11	56	ChNU_MPCC_Fantazor	Yuriy Fed'kovijch Chernivtsi National University	4	488
12	58	ChNU_MPCC_HAMSTERS	Yuriy Fed'kovijch Chernivtsi National University	4	557
13	62	College_2020	Chernivtsi National University	4	625
14	67	ChNU_FMI_Hackers	Yuriy Fed'kovijch Chernivtsi National University	4	689
15	79	ChNU_ThePurpleArcadion	Yuriy Fed'kovijch Chernivtsi National University	3	346
16	91	ChNU_MPCC_3CoffeCup	Yuriy Fed'kovijch Chernivtsi National University	1	45
17	92	CHNU_KKN_Coding_Wizards	Yuriy Fed'kovijch Chernivtsi National University	1	335

**2) Khmelnytskyi : Khmelnitsky National University**

Rank	Place	Team	Institution	Solved	Time
1	26	cKhmPC_XP_People	Khmelnitsky Polytechnic College	4	215
2	28	cKhmPC_Dumplings_with_jam	Khmelnitsky Polytechnic College	4	231
3	29	cKhmPC_Gusenysya	Khmelnitsky Polytechnic College	4	235
4	30	roflan_ki_khnu2020	Khmelnitsky National University	4	236
5	39	cKhmPC_Paradox	Khmelnitsky Polytechnic College	4	297
6	66	cKhmPC_NewGeneration	Khmelnitsky Polytechnic College	4	679
7	69	cKhmPC_BrickZ	Khmelnitsky Polytechnic College	4	725
8	70	cKhmPC_eleventh	Khmelnitsky Polytechnic College	4	786
9	73	cKhmPC__Sono_Chi_no_Sadame_	Khmelnitsky Polytechnic College	3	73
10	78	cKhmPC_Bertopad	Khmelnitsky Polytechnic College	3	325
11	84	cKhmPC_Singularity	Khmelnitsky Polytechnic College	3	457
12	85	KHNU_cybernetyk_1	Khmelnitsky National University	3	542
13	86	cKhmPC_C+lish	Khmelnitsky Polytechnic College	2	79

**3) Ternopil : Ternopil Ivan Pul'uj National Technical University**

Rank	Place	Team	Institution	Solved	Time
1	12	TNTU_ogo_maesh_klasnyj_coronavirus	Ternopil Ivan Pul'uj National Technical University	4	111
2	15	TNTU_TNT	Ternopil Ivan Pul'uj National Technical University	4	126
3	19	c_HCTNTU_Team2	Husiatyn College of Ternopil Ivan Pul'uj National Technical University	4	156
4	20	TNPU_Chess	Ternopil Volodymyr Hnatyuk National Pedagogical University	4	157
5	21	TNPU_Orion	Ternopil Volodymyr Hnatyuk National Pedagogical University	4	167
6	22	TNTU_BrandNewSquad	Ternopil Ivan Pul'uj National Technical University	4	202
7	27	c_HCTNTU_Team4	Husiatyn College of Ternopil Ivan Pul'uj National Technical University	4	216
8	41	c_TNTUCH_OGs	Vyacheslav Chornovil Halytskyi Institute	4	310
9	44	TNTU_ColdWar	Ternopil Ivan Pul'uj National Technical University	4	329
10	47	c_TC_TNTU_In honor of Turing	Technical College of Ternopil Ivan Pul'uj National Technical University	4	337
11	50	TNPU_Firecode	Ternopil Volodymyr Hnatyuk National Pedagogical University	4	376
12	53	TNTU_MadTeaParty	Ternopil Ivan Pul'uj National Technical University	4	437
13	55	c_HCTNTU_Team1	Husiatyn College of Ternopil Ivan Pul'uj National Technical University	4	485
14	61	TNTU_SE1	Ternopil Ivan Pul'uj National Technical University	4	607
15	64	c_TC_TNTU_ICTeam	Technical College of Ternopil Ivan Pul'uj National Technical University	4	651
16	68	TNTU_NayBude	Ternopil Ivan Pul'uj National Technical University	4	698
17	71	TNTU_SE2	Ternopil Ivan Pul'uj National Technical University	4	980
18	76	Bati_Energy	National University of Life and Environmental Sciences of Ukraine Berezhan Agrotechnical Institute	3	307
19	80	c_TNTUCH_atom	Vyacheslav Chornovil Halytskyi Institute	3	355
20	83	TNPU>Loading	Ternopil Volodymyr Hnatyuk National Pedagogical University	3	432
21	88	c_HCTNTU_Team3	Husiatyn College of Ternopil Ivan Pul'uj National Technical University	2	112
22	90	c_TNTUCH_Netstalkers	Vyacheslav Chornovil Halytskyi Institute	2	412

**4) Vinnytsia (VNTU) : Vinnytsia National Technical University**

Rank	Place	Team	Institution	Solved	Time
1	1	VNTU_PIDROS	Vinnytsia National Technical University	7	646
2	2	VNTU_Meme_Lords	Vinnytsia National Technical University	7	966
3	3	DonNU_inst:dom.vn	Donetsk National University	6	399
4	4	DonNU_BlackTriangle	Donetsk National University	6	485
5	5	VNTU_++j+++j	Vinnytsia National Technical University	6	656
6	7	DonNU_FTF_RABBITS	Donetsk National University	4	74
7	8	DonNU_Illusion_Mages	Donetsk National University	4	95
8	10	VNTU_Next	Vinnytsia National Technical University	4	102
9	13	VNTU_Nugits	Vinnytsia National Technical University	4	112
10	16	VNTU_JohnSnow2	Vinnytsia National Technical University	4	127
11	18	DonNU_My_PP	Donetsk National University	4	145
12	23	VNTU_VVV	Vinnytsia National Technical University	4	203
13	24	VNTU_GoldenStudents	Vinnytsia National Technical University	4	209
14	25	VNTU_KCHAU	Vinnytsia National Technical University	4	212
15	31	VNTU_2DV	Vinnytsia National Technical University	4	248
16	32	VNTU_X	Vinnytsia National Technical University	4	254
17	33	c_VTC_Code_waizards	Vinnytsia Technical College	4	269
18	35	DonNU_IDKHowButItWork	Donetsk National University	4	281
19	38	VNTU_frustration_lobotomy	Vinnytsia National Technical University	4	294
20	42	VNTU_DiscoNinjas	Vinnytsia National Technical University	4	312
21	43	VNTU_ADA	Vinnytsia National Technical University	4	326
22	45	DonNU_Ne_Bug_A_Ficha	Donetsk National University	4	330
23	49	DonNU_team13	Donetsk National University	4	373
24	51	VNTU_DjTapochek	Vinnytsia National Technical University	4	378
25	52	DonNU_Golden_Crown	Donetsk National University	4	409
26	54	DonNU_null_ptr	Donetsk National University	4	469
27	57	DonNU_quaranTeam	Donetsk National University	4	535
28	60	VNTU_publicstatic	Vinnytsia National Technical University	4	585
29	63	DonNU_GHost	Donetsk National University	4	642
30	65	VNTU_PPE	Vinnytsia National Technical University	4	670
31	72	VNTU_Hackermans	Vinnytsia National Technical University	4	1020
32	74	VNTU_Martyres	Vinnytsia National Technical University	3	110
33	75	VNTU_VSA	Vinnytsia National Technical University	3	148
34	77	VNTU_Cucumbers	Vinnytsia National Technical University	3	314
35	81	DonNU_Veni_vidi_vici	Donetsk National University	3	356
36	87	DonNU_Off-Top-2020	Donetsk National University	2	83

**5) Vinnytsia (VSPU) : Vinnytsia State Pedagogical University named after Mykhailo Kotsubinsky**

Rank	Place	Team	Institution	Solved	Time
1	6	VSPU_BreakOut	Vinnytsia Mykhailo Kotsiubynskyi State Pedagogical University	4	53
2	59	VSPU_Staner	Vinnytsia Mykhailo Kotsiubynskyi State Pedagogical University	4	563
3	82	VNMU_DrWeb	National Pirogov Memorial Medical University, Vinnytsya	3	358
4	89	VITE_KNUTE_BEST	Vinnytsia Institute of Trade and Economics of Kyiv National University of Trade and Economics	2	122

**The absolute results for the 2020 AUCPC Ukraine Southwestern Contest are as follows:**

<b>Place</b>	<b>Team</b>	<b>Institution</b>	<b>Solved</b>	<b>Time</b>
<b>1</b>	VNTU_PIDROS	Vinnytsia National Technical University	7	646
<b>2</b>	VNTU_Meme_Lords	Vinnytsia National Technical University	7	966
<b>3</b>	DonNU_inst:dom.vn	Donetsk National University	6	399
<b>4</b>	DonNU_BlackTriangle	Donetsk National University	6	485
<b>5</b>	VNTU_++j+++j	Vinnytsia National Technical University	6	656
<b>6</b>	VSPU_BreakOut	Vinnytsia Mykhailo Kotsiubynskyi State Pedagogical University	4	53

Additionally, 47 teams from high schools were invited to participate in the contest, without taking their results into account for general standings for the southwest of Ukraine. Their [scoreboard](#) is available as well.

The list of high school teams together with their results is described below.

### 1) High School Khmelnytskyi : Khmelnitsky National University

Rank	Place	Team	Institution	Solved	Time
1	1	s_Liceum17-ALGO1	Khmelnytsky Liceum №17	8	804
2	3	s_KhmelnytskyGymnasium№1-ALGO2	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	6	743
3	4	s_KhmelnytskyGymnasium№1-ALGO3	Khmelnytsky Gymnasium №2	5	218
4	6	s_KhmelnytskyGymnasium№1-ALGO5	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	4	75
5	8	s_KhmelnytskyGymnasium№1-ALGO11	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	4	124
6	9	s_KhmelnytskyGymnasium№1-ALGO7	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	4	141
7	10	s_KhmelnytskyGymnasium№1-ALGO4	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	4	152
8	11	s_KhmelnytskyGymnasium№1-ALGO6	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	4	156
9	12	s_KhmelnytskyGymnasium№1-ALGO17	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	4	168
10	18	s_KhmelnytskyGymnasium№1-ALGO18	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	4	624
11	19	s_KhmelnytskyGymnasium№1-ALGO22	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	3	114
12	20	s_KhmelnytskyGymnasium№1-ALGO8	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	3	181
13	22	s_KhmelnytskyGymnasium№1-ALGO23	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	3	223
14	24	s_KhmelnytskyGymnasium№1-ALGO12	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	3	272
15	25	s_KhmelnytskyGymnasium№1-ALGO29	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	3	296
16	26	s_KhmelnytskyGymnasium№1-ALGO10	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	3	304
17	27	s_KhmelnytskyGymnasium№1-ALGO19	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	3	348
18	28	s_KhmelnytskyGymnasium№1-ALGO25	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	3	359
19	29	s_KhmelnytskyGymnasium№1-ALGO13	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	3	361
20	30	s_KhmelnytskyGymnasium№1-ALGO9	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	3	397
21	35	s_KhmelnytskyGymnasium№1-ALGO21	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	2	587
22	36	s_KhmelnytskyGymnasium№1-ALGO24	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	1	31
23	37	s_KhmelnytskyGymnasium№1-ALGO15	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	1	102

24	38	s_KhmelnyskyGymnasium№1-ALGO28	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	1	124
25	39	s_KhmelnyskyGymnasium№1-ALGO14	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	1	134
26	40	s_KhmelnyskyGymnasium№1-ALGO16	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	1	203

## 2) High School Vinnytsia (VNTU) : Vinnytsia National Technical University

Rank	Place	Team	Institution	Solved	Time
1	5	s_FMG17_vinnytsia_Black_perl	Vinnytsia Physics & Mathematics Higher School #17	4	67
2	7	s_FMG17_vinnytsia_DNS	Vinnytsia Physics & Mathematics Higher School #17	4	108
3	13	s_PMG17_constanta	Vinnytsia Physics & Mathematics Higher School #17	4	171
4	14	s_FMG17_vinnytsia_Okarodist	Vinnytsia Physics & Mathematics Higher School #17	4	240
5	16	s_FMG17_vinnytsia_Mutenut	Vinnytsia Physics & Mathematics Higher School #17	4	290
6	21	s_PMG17_champions_programmer s	Vinnytsia Physics & Mathematics Higher School #17	3	191
7	34	s_FMG17_vinnytsia_SAK	Vinnytsia Physics & Mathematics Higher School #17	2	156

## 3) High School Vinnytsia (VSPU) : Vinnytsia State Pedagogical University named after Mykhailo Kotsubinsky

Rank	Place	Team	Institution	Solved	Time
1	2	sPNTL_2020_2	Podilsky scientific and technical lyceum	6	341
2	15	sPntL_fg01	Podilsky scientific and technical lyceum	4	241
3	17	s_PDU_super_programmers	Vinnytsya Municipal Palace of Children and Youth Named After L.Ratushna	4	520
4	23	sPNTL_2020_1	Podilsky scientific and technical lyceum	3	261
5	31	s_vtl_HamRedSys	Vinnytsia Technical Lyceum	3	439
6	32	sPntL_bg02	Podilsky scientific and technical lyceum	3	497
7	33	sVTL_Shuburshunchiki	Vinnytsia Technical Lyceum	3	586

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Place	Team	Institution	Solved	Time
1	s_Liceum17-ALGO1	Khmelnysky Liceum №17	8	804
2	sPNTL_2020_2	Podilsky scientific and technical lyceum	6	341
3	s_KhmelnyskyGymnasium№1-ALGO2	Khmelnitsky Gymnasium №1 named after Volodymyr Krasyytsky	6	743
4	s_KhmelnyskyGymnasium№1-ALGO3	Khmelnysky Gymnasium №2	5	218
5	s_FMG17_vinnytsia_Black_perl	Vinnytsia Physics & Mathematics Higher School #17	4	67

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

Our coordinators deserve special awards for their efforts. We would like to thank all of them for their hard work to bring the contest at its full light.

This year coordinators are:

- 1) Chernivtsi site: **Vasyl Lazoryk**, Yuriy Fed'kovijch Chernivtsi National University
- 2) Khmelnytskyi site: **Pavlo Hryhoruk**, Khmelnitsky National University
- 3) Ternopil site: **Ivan Mudryk**, Ternopil Ivan Pul'uj National Technical University
- 4) Vinnytsia (VNTU) site: **Igor Arsenyuk**, Vinnytsia National Technical University
- 5) Vinnytsia (VSPU) site: **Oksana Klochko**, Vinnytsia State Pedagogical University named after Mykhailo Kotsubinsky