

The 2016 All-Ukraine Central Contest report

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The 2016 AUCPC Ukraine Central Contest took place on April,16, 2016. This year 114 teams from 21 universities and institutes of four central Ukrainian regions have participated in the contest.

The participating regions of the central Ukraine were: Dnipropetrovsk (and Kryvyi Rih separatly), Kirovograd, Poltava, Cherkasy.

The contest for the central Ukrainian was conducted with the help of [e-judge system](#).

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

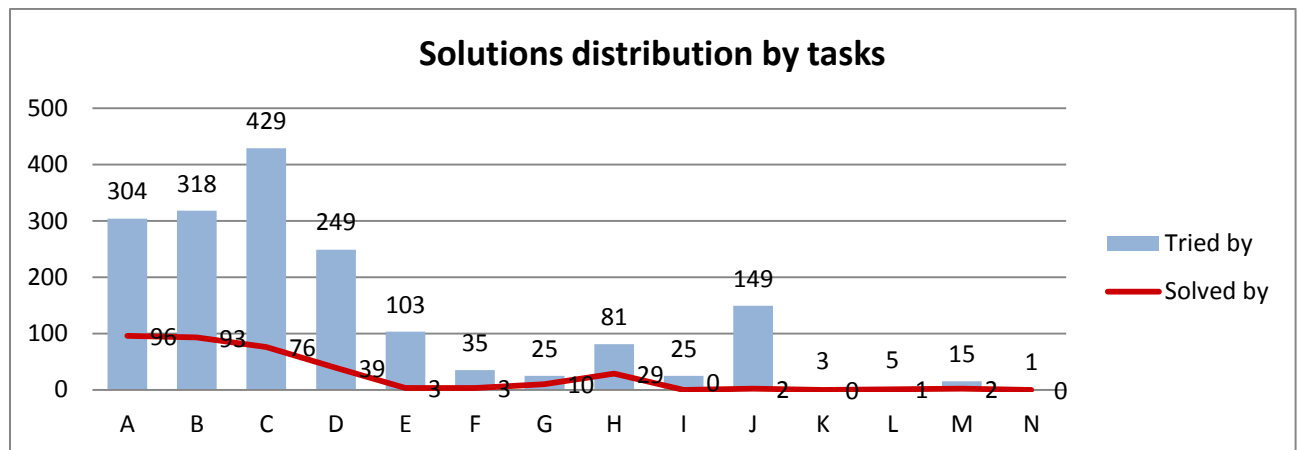
Dnipropetrovsk	46 teams
Kryvyi Rih	19 teams*
Kirovograd	16 teams
Poltava	16 teams
Cherkasy	17 teams
total:	114 teams
*the <i>KNU_atomicbrain</i> team was out of competition as incomplete one	

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 ejudge system, and can be found [here](#).

The distribution of correct solutions of contest tasks across Ukraine Central 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
Tried by	304	318	429	249	103	35	25	81	25	149	3	5	15	1
Solved by	96	93	76	39	3	3	10	29	0	2	0	1	2	0
%:	32%	29%	18%	16%	3%	9%	40%	36%	0%	1%	0%	20%	13%	0%



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

1) Dnipropetrovsk: Dnipropetrovsk National University

Place	Absolute place	Team	Institution	Task solved	Total time
1	1	DNU_Cifeidion	Dnipropetrovsk National University	11	1319
2	2	DNU_Ducks	Dnipropetrovsk National University	10	904
3	10	DNURT_USERS	Dnipropetrovsk National University of Railway Transport Named After Academician V. Lazaryan	5	481
4	12	UMSF_1	University of Customs and Finance of Ukraine	5	564

5	13	DNU_Dodger	Dnipropetrovsk National University	5	622
6	14	DSTU_Armicron	Dniprodzerzhinsk State Technical University	5	630
7	17	DSTU_Silent	Dniprodzerzhinsk State Technical University	5	739
8	18	NMU_SPQR	National Mining University	5	748
9	20	DSTU_INFINITY	Dniprodzerzhinsk State Technical University	5	752
10	23	DNU_ITus	Dnipropetrovsk National University	5	817
11	24	DNURT_SudoSu	Dnipropetrovsk National University of Railway Transport Named After Academician V. Lazaryan	4	159
12	25	DNU_7777	Dnipropetrovsk National University	4	340
13	27	DNURT_ABV	Dnipropetrovsk National University of Railway Transport Named After Academician V. Lazaryan	4	367
14	29	DNU_BigBugTheory	Dnipropetrovsk National University	4	420
15	34	DNURT_IDM	Dnipropetrovsk National University of Railway Transport Named After Academician V. Lazaryan	4	524
16	35	DNURT_Capcha	Dnipropetrovsk National University of Railway Transport Named After Academician V. Lazaryan	4	619
17	36	DSTU_Unnamed	Dniprodzerzhinsk State Technical University	4	631
18	40	UMSF_Blitz	University of Customs and Finance of Ukraine	4	719
19	42	DSTU_PrimTeam	Dniprodzerzhinsk State Technical University	4	739
20	44	DNURT_BRO	Dnipropetrovsk National University of Railway Transport Named After Academician V. Lazaryan	4	1384
21	47	DNU_BigDogs	Dnipropetrovsk National University	3	149
22	49	DNU_CheZaTeam	Dnipropetrovsk National University	3	172
23	51	DSTU_Project	Dniprodzerzhinsk State Technical University	3	187
24	52	NMetAU_EK01	National Metallurgical Academy of Ukraine	3	188
25	54	DSTU_Codefly	Dniprodzerzhinsk State Technical University	3	279
26	59	DSTU_baba_Zina	Dniprodzerzhinsk State Technical University	3	334
27	60	DSTU_Atari	Dniprodzerzhinsk State Technical University	3	345
28	66	DNURT_HESoyAM	Dnipropetrovsk National University of Railway Transport Named After Academician V. Lazaryan	3	452
29	68	DNU_Dragons	Dnipropetrovsk National University	3	470
30	69	DSTU_The_Thundering_Cats	Dniprodzerzhinsk State Technical University	3	475
31	71	DSTU_Quantum	Dniprodzerzhinsk State Technical University	3	553
32	72	NMU_DMP	National Mining University	3	602
33	74	DSTU_Isometric	Dniprodzerzhinsk State Technical University	3	682
34	75	DNU_V3C	Dnipropetrovsk National University	3	847
35	76	DSTU_OPG_Avangard	Dniprodzerzhinsk State Technical University	3	936
36	78	NMU_WCFF	National Mining University	2	142

37	79	DNU_PK-15	Dnipropetrovsk National University	2	169
38	82	DNURT_Sad_Hedgehog	Dnipropetrovsk National University of Railway Transport Named After Academician V. Lazaryan	2	209
39	84	NMetAU_Metal	National Metallurgical Academy of Ukraine	2	224
40	85	USUCE Resharper's	Ukrainian State University of Chemical Engineering	2	224
41	90	DSTU_ESC	Dniprodzerzhinsk State Technical University	2	381
42	96	DNURT_Red3	Dnipropetrovsk National University of Railway Transport Named After Academician V. Lazaryan	1	118
43-46	99-114	USUCE int main	Ukrainian State University of Chemical Engineering	0	0
43-46	99-114	USUCE PHP	Ukrainian State University of Chemical Engineering	0	0
43-46	99-114	PSACEA16	Prydniprov's'ka State Academy of Civil Engineering and Architecture	0	0
43-46	99-114	DSTU_PZ-15-1	Dniprodzerzhinsk State Technical University	0	0

2) Kryvyi Rih: Kryvyi Rih National University

Place	Absolute place	Team	Institution	Task solved	Total time
1	5	IPPZ_2016_31	Kryvyi Rih Economic Institute of State institution of Higher Education "Kryvyi Rih National University"	6	651
2	7	IPPZ_2016_42	Kryvyi Rih Economic Institute of State institution of Higher Education "Kryvyi Rih National University"	6	855
3	8	IPPZ_2016_41	Kryvyi Rih Economic Institute of State institution of Higher Education "Kryvyi Rih National University"	6	1007
4	11	IPPZ_2016_32	Kryvyi Rih Economic Institute of State institution of Higher Education "Kryvyi Rih National University"	5	498
5	19	KNU_Slaveholders	Kryvyi Rih National University	5	750
6	22	KNU_crazy_rabbits	Kryvyi Rih National University	5	768
7	26	IPPZ_2016_22	Kryvyi Rih Economic Institute of State institution of Higher Education "Kryvyi Rih National University"	4	359
8	28	KNU_Something_Useless	Kryvyi Rih National University	4	414
9	32	KNU_ITAEL	Kryvyi Rih National University	4	479
10	41	IPPZ_2016_33	Kryvyi Rih Economic Institute of State institution of Higher Education "Kryvyi Rih National University"	4	721
11	43	KNU_SUA-team	Kryvyi Rih National University	4	991
12	61	IPPZ_2016_21	Kryvyi Rih Economic Institute of State institution of Higher Education "Kryvyi Rih National University"	3	361
13	64	IPPZ_2016_23	Kryvyi Rih Economic Institute of State institution of Higher Education "Kryvyi Rih National University"	3	441
14	83	KNU_import_head	Kryvyi Rih National University	2	211
15	86	KRPI1	Kryvyi Rih Pedagogical Institute of State institution of Higher Education «Kryvyi Rih National University»	2	275
16	89	KRPI4	Kryvyi Rih Pedagogical Institute of State institution of Higher Education «Kryvyi Rih National University»	2	371

16	91	KRPI2	Kryvyi Rih Pedagogical Institute of State institution of Higher Education «Kryvyi Rih National University»	2	449
18	94	KRPI5	Kryvyi Rih Pedagogical Institute of State institution of Higher Education «Kryvyi Rih National University»	2	1161
19	99-114	KRPI3	Kryvyi Rih Pedagogical Institute of State institution of Higher Education «Kryvyi Rih National University»	0	0

3) Kirovograd: Kirovograd National Technical University

Place	Absolute place	Team	Institution	Task solved	Total time
1	3	KSPU_NotFound	V. Vinnichenko Kirovograd State Pedagogical University	7	750
2	9	KSPU_LSD445	V. Vinnichenko Kirovograd State Pedagogical University	5	465
3	38	KNTU_UTNK	Kirovograd National Technical University	4	657
4	45	KSPU_FatalError	V. Vinnichenko Kirovograd State Pedagogical University	3	105
5	46	KNTU_NovusTeam	Kirovograd National Technical University	3	129
6	48	KNTU_DropTable	Kirovograd National Technical University	3	168
7	65	KSPU>HelloWorld	V. Vinnichenko Kirovograd State Pedagogical University	3	444
8	70	KSPU_BSOD	V. Vinnichenko Kirovograd State Pedagogical University	3	488
9	80	KNTU_Scribe	Kirovograd National Technical University	2	196
10	81	KSPU_dotDMN	V. Vinnichenko Kirovograd State Pedagogical University	2	199
11	88	KNTU_CodeGods	Kirovograd National Technical University	2	308
12	95	KNTU_Jedi	Kirovograd National Technical University	1	69
13	97	KSPU_HinduCode	V. Vinnichenko Kirovograd State Pedagogical University	1	123
14-16	99-114	KNTU_Beithier	Kirovograd National Technical University	0	0
14-16	99-114	KNTU_Digital_Hedgehog	Kirovograd National Technical University	0	0
14-16	99-114	KSPU_Foxy	V. Vinnichenko Kirovograd State Pedagogical University	0	0

4) Poltava: Poltava National Technical University named after Yuri Kondratyuk

Place	Absolute place	Team	Institution	Task solved	Total time
1	6	PolNTU_Trinity	Poltava National Technical University named after Yuri Kondratyuk	6	729
2	15	PUET_Bootmen	Poltava University of Economics and Trade	5	690
3	33	PUET_Infinitech	Poltava University of Economics and Trade	4	499
4	50	PNPU_4VBlack	Poltava National Pedagogical University named after V.G. Korolenko	3	172
5	53	PolNTU_CE4_16	Poltava National Technical University named after Yuri Kondratyuk	3	236
6	55	PUET_Hard_coders	Poltava University of Economics and Trade	3	283
7	56	PolNTU_KrUVorychky	Poltava National Technical University named after Yuri Kondratyuk	3	305
8	67	PolNTU_CE1_16	Poltava National Technical University named after Yuri Kondratyuk	3	455
9	73	PolNTU_CE6_16	Poltava National Technical University named after Yuri Kondratyuk	3	629

10	77	PolNTU_Quasars	Poltava National Technical University named after Yuri Kondratyuk	3	1134
11	98	PolNTU_CE5_16	Poltava National Technical University named after Yuri Kondratyuk	1	141
12-16	99-114	KrNU_Momentum	Kremenchuk National University named after Mykhailo Ostrogradsky	0	0
12-16	99-114	PNPU_BZTS	Poltava National Pedagogical University named after V.G. Korolenko	0	0
12-16	99-114	PNPU_PGCT	Poltava National Pedagogical University named after V.G. Korolenko	0	0
12-16	99-114	PUET_Bomg	Poltava University of Economics and Trade	0	0
12-16	99-114	PNPU_NotFound	Poltava National Pedagogical University named after V.G. Korolenko	0	0

5) Cherkasy: Cherkasy National University named after Bogdan Khmelnitsky

Place	Absolute place	Team	Institution	Task solved	Total time
1	4	ChNUBKh Alive Cluster	Cherkasy National University named after Bogdan Khmelnitsky	6	550
2	16	ChNUBKh BraveSquadOfDebuggers	Cherkasy National University named after Bogdan Khmelnitsky	5	701
3	21	ChNUBKh Team A	Cherkasy National University named after Bogdan Khmelnitsky	5	753
4	30	ChNUBKh brain drain	Cherkasy National University named after Bogdan Khmelnitsky	4	427
5	31	ChNUBKh while (true)	Cherkasy National University named after Bogdan Khmelnitsky	4	450
6	37	ChSTU roflPriority	Cherkasy State Technological University	4	651
7	39	ChNUBKh C++ Tigers	Cherkasy National University named after Bogdan Khmelnitsky	4	666
8	57	ChNUBKh Team Spirit	Cherkasy National University named after Bogdan Khmelnitsky	3	315
9	58	ChNUBKh Team_Palitra	Cherkasy National University named after Bogdan Khmelnitsky	3	327
10	62	ChNUBKh VVS	Cherkasy National University named after Bogdan Khmelnitsky	3	391
11	63	ChSTU padawans	Cherkasy State Technological University	3	436
12	87	CkMIIT-KNUTD_Iwin&pooh	Kiev National University of Technologies and Design	2	284
13	92	ChSBC_trio_raznie	Cherkasy State Business College	2	588
14	93	CkMIIT-KNUTD_Ahead_of_the_wind	Kiev National University of Technologies and Design	2	624
15-17	99-114	CkMIIT-KNUTD_PVD	Kiev National University of Technologies and Design	0	0
15-17	99-114	CkMIIT-KNUTD_The_Brights	Kiev National University of Technologies and Design	0	0
15-17	99-114	ChSBC_Eagles	Cherkasy State Business College	0	0

Additionally, 45 teams from schools and colleges were invited to participate in the contest, without taking their results into account for general standings for the south of Ukraine. Their [scoreboard](#) is available as well.

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

Finally, the program of the contest was as follows:

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

This year coordinators are:

- 1) Dnipropetrovsk site: **Alexander Khizha** Dnipropetrovsk National University
- 2) Kryvyi Rih site: **Andrey Struyk** Kryvyi Rih National University
- 3) Kirovograd site: **Oleksandr Dorenskii** Kirovograd National Technical University
- 4) Poltava site: **Klavdia Solovchuk** Poltava National Technical University named after Yuri Kondratyuk
- 5) Cherkasy site: **Ilya Porublyov** Cherkasy National University named after Bogdan Khmel'nitsky