

AUCPC 2 STAGE Report

AUCPC II stage took place on the 11th of September, 2013. In this Contest took part 143 teams from 73 Universities of 34 Ukrainian cities.

The Contests were held in four regions in the five sites:

THE UKRAINE CENTRAL

REGION(Cherkasy Region, Dnipropetrovsk Region, Chernyiv Region, Kirovohrad Region, Poltava Region, Sumy Region):

Site: Sumy State University, Sumy

Teams: 27

Universities: 15

Cities: 8

THE UKRAINE EASTERN REGION (Donetsk Region, Kharkiv Region, Luhansk Region):

Site: East-Ukrainian National University named after Volodymyr Dahl, Luhansk

Teams: 36

Universities: 15

Cities: 6

THE UKRAINE KYIV REGION (Kyiv Region):

Site: National University of Life and Environmental Sciences, Kyiv

Teams: 20

Universities: 10

Cities: 1

THE UKRAINE SOUTHERN REGION

(Autonomous Republic of Crimea, Kherson Region, Mykolaiv Region, Odesa Region, Zaporizhzhya Region):

Site: Taurida V.I. Vernadsky National University, Symferopol

Teams: 31

Universities: 16

Cities: 9

THE UKRAINE WESTERN REGION

(Chernivtsi Region, Ivano-Frankivs'k Region, Khmelnytsky Region, L'viv Region, Rivne Region, Ternopil Region, Transcarpathian Region, Vinnytsia Region, Volyn Region, Zhytomyr Region):

Site: Ivan Franko National University of L'viv

Teams: 29

Universities: 17

Cities: 10

All five Contests were run parallel with the help of one on-line system (E-Judge). This system was developed at the Moscow State University and is actively used in countries NEERC and Ukraine for Programming Contests at various levels.

The remote server located in Vinnytsia National Technical University. During the competition in the E-Judge system was no breakdowns. Current status of all teams from all Regions had been displaying during the Contests in a common scoreboard, indicating the Region of each team. It was done to inform each participant of the each Regional Contest about teams' standing in different Regions. The final results were summed up separately for each of the five Regions According to rules of All-Ukrainian Collegiate Programming Contest

Teams were suggested to solve 10 problems (see attached file "Problems"), the results of solutions are given in Table 1.

There were no appeals concerning the conditions or test objectives from the teams during the Contests and after their completion.

Table 1

User	A	B	C	D	E	F	G	H	I	J	Total
Total:	176	226	72	107	239	66	22	369	391	115	1759
Success:	30	39	19	5	41	0	6	66	42	0	252
%:	17%	17%	26%	5%	17%	0%	27%	18%	11%	0%	14%

Unfortunately, the problem' set was too difficult for the skill level of many participants of the AUCPC second stage. And 46% of teams couldn't solve any problem.

Table 2 shows the number of teams grouped according to the number of their solutions:

Table 2

#Problems/#Teams	10	9	8	7	6	5	4	3	2	1	0	Total
CENTRAL	0	0	0	0	3	1	0	0	2	5	16	27
EASTERN	0	0	1	0	1	2	4	2	4	9	13	36
KYIV	0	0	2	1	1	2	0	0	2	1	11	20
SOUTHERN	0	0	1	1	2	5	0	2	0	8	12	31
WESTERN	0	0	0	1	3	1	2	1	1	6	14	29
TOTAL	0	0	4	3	10	11	6	5	9	29	66	=SUM(LEFT) 143

Region winners have become such teams:

CENTRAL REGION:

Rank	Team	University	Solved	Time
1	VNTU_[wRabbits]	Vinnitsia National Technical University	6	821
2	SSU_United	Sumy State University	6	890
3	SSU_BOMBANOLO	Sumy State University	6	1238

EASTERN REGION:

Rank	Team	University	Solved	Time
1	SobolevTeam	V.N. Karazin Kharkiv National University	8	1002
2	KhNURE_United	Kharkiv National University of Radio Electronics	6	986
3	Silicious Men	Donetsk National Technical University	5	508

KYIV REGION:

Rank	Team	University	Solved	Time
1	BZFlags	Taras Shevchenko Kiev National University	8	645
2	Unicon	Taras Shevchenko Kiev National University	8	858
3	Frogs	Taras Shevchenko Kiev National University	7	685

SOUTHERH REGION:

Rank	Team	University	Solved	Time
1	ONU 1 2/3	Odessa I. I. Mechnikov National University	10	1419
2	Phantom Menace	Taurida V. I. Vernadsky National University	9	1219
3	MSUSB1	Moscow State University - Sevastopol	8	1102

WESTERN REGION:

Rank	Team	University	Solved	Time
1	LNU United	Ivan Franko National University of L'viv	7	666
2	LNU FiredUp	Ivan Franko National University of L'viv	6	738
3	LNU hfrb	Ivan Franko National University of L'viv	6	858

I would like to express thanks to all sponsors for their support for the Second Stage of All-Ukrainian Collegiate Programming Contest.

My thanks also go to Olena Guazunova, Serhii Petrov, Mykola Klipakov, Oleksandr Kozlov, Serhii Yaroshko for a lot of work on the organization of competitions on sites of their Universities. I want to thank Sergey Petrov (network management and support of the Contest software), Vitalii Bondarenko (Contest Chief Judge), Shamil Yagiyayev and all authors of the Contest problems.

Last, but not least, I would like to thank all the volunteers who helped run and organize the contest. Without the help of all these people and organizations, it would have been impossible to make this event happen.

Prof. Volodymyr Mesyura,
AUCPC Coordinator