The 2020 All-Ukrainian Western Contest report

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The 2020 ACM-ICPC Ukraine Western Contest was on September 26, 2020.

This year 103 teams from universities and colleges from Lviv, Volyn, Rivne, Transkarpatian and Ivano-Frankivsk regions were registered in the contest. 92 teams participated in the contest. An e-judge system used in contest, with the reserve remote server situated in Lviv, at the Ivan Franko National University of Lviv. There were 2 groups of teams – secondary school teams together with college and university teams.

According to the registrations, the distribution of teams on sites was as follows:

Site	teams	Universities	Colleges	School teams
Lviv(NULP)	26	2	1	-
Lviv(LNU)	16	2	-	2
Lutsk	7	-	1	5
Rivne	13	3	1	-
Uzhgorod	22	1	-	5
Ivano-Frankivsk	8	1	3	-

The problem set consisted of 12 tasks of different complexity levels. There were no appeals concerning the conditions or test objectives from the teams during the Contest and after their completion.

The distribution of solved/unsolved tasks is shown in the Table W1.

Table W1.

Task	A	B	C	D	E	F	G	H	I	J	K	L
Try												
Total	87	41	98	183	15	8	93	236	184	148	9	3
Success	6	10	80	13	7	2	79	72	13	74	0	1
	7%	24%	82%	7%	47%	25%	85%	31%	7%	50%	0%	33%

The region level (distribution of quantity of tasks solved by team) is shown in the Table W2.

Table W2.

12	11	10	9	8	7	6	5	4	3	2	1
0	0	1	2	1	4	3	8	47	7	2	1

The winners for the 2020 AUCPC Ukraine Western Contest are as follows:

	Team	University	Problems solved
1	LNU Jackals	Ivan Franko Lviv National University	10
2	LNU_AVGustyn	Ivan Franko Lviv National University	9
3	NULP_Hope	National University "Lviv Politecnica"	9
4	LNU min cost max flex	Ivan Franko Lviv National University	8
5	UCU_Study_Develope	Ucrainian Catholic University	7
6	UCU_Three_Great_Shinobi _of_Konoha	Ucrainian Catholic University	7
7	UzhNU_Auturismo	Uzhgorod National University	7
8	LNU Hryadochka	Ivan Franko Lviv National University	7

The winners between school teams for the 2020 AUCPC Ukraine Western Contest are as follows:

	Team	School	Problems solved
1.	s_UzhSS_DFA	Uzhgorod Specialized School	6
2.	s_Lutsk-Olymp	Lutsk Gymnasium	6
3.	s_LPML_Beavers	Lviv Pfysics Mathematics Liceum	5
4.	s_Vynogradiv_Sevlyush	Vynogradiv secondary school of I - III degrees of accreditation №8	4
5.	s_UzhSS_PEPE	Uzhgorod Specialized School	4
6.	s_Khust_CodeBusters	Khust Gymnasium	4
7.	s_UzhSG_Bool_Masters	Uzhgorod Specialized School	4
8.	s_Khust-hardco(d)e	Khust Gymnasium	4
9.	s_Lutsk-Gimn14-10	Lutsk Gymnasium #14	4

10	s_Khust_PinkForce	Khust Gymnasium	4
11	s_Lutsk-Gimn14-8-10	Lutsk Gymnasium #14	4
12	LVPU_Geeks	Lutsk Vocational Professional School	4

This year Western contest coordinators are:

Wolodymyr Syaskyy, Rivne State Humanitarian University

Roman Grudetskyy, Lutsk National Technical University

Mykola Yatsyshyn, Ivano-Frankivsk National University of Oil and Gas

Olexandr Mitsa, Uzhgorod National University

Yuriy Tsymbal, National University „Lviv Politechnica"

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