

## The 2021 ACM-ICPC Ukraine Western Contest report

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The 2021 ACM-ICPC Ukraine Western Contest was on October 16, 2021.

This year 40 teams from universities and colleges from Lviv, Volyn, Rivne, Transkarpatian and Ivano-Frankivsk regions were registered in the contest. All registered 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 (9 teams) together with college and university teams.

Teams: 49

Universities: 22

Cities: 10

School: 9

The problem set consisted of 11 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 1.

Table 1.

Task\#Try\#Success	A	B	C	D	E	F	G	H	I	J	K	Total
Success:	1	15	10	2	5	0	4	1	1	0	21	60
Total:	13	28	149	17	15	1	26	25	5	0	44	323
%:	8%	54%	7%	12%	33%	0%	15%	4%	20%		48%	19%

The region level (distribution of quantity of tasks solved) is shown in the Table 2.

Table 2.

#Problems\#Teams	11	10	9	8	7	6	5	4	3	2	1	0	Total
WESTERN	0	0	1	0	0	0	2	2	6	4	7	18	40

The winners of Ukraine Western contest are in the Table 3:

Table 3.

Rank	Team	University	Solved	Penalty
1	LNU Bulldogs	Ivan Franko Lviv National University	9	10354
2	LNU 7beers4us	Ivan Franko Lviv National University	5	5182
2	LNU dyki levy	Ivan Franko Lviv National University	5	14799
3	NULP_Hope	National University "Lviv Politecnica"	4	5186
3	NULP_Dezhavyu	National University "Lviv Politecnica"	4	10071
3	UzhNU_Aiturismo	Uzhgorod National University	3	248

Results of the school division

Table 4.

Rank	Team	University	Solved	Penalty
1	s_LPML_Beavers	Lviv physics mathematical liceum	5	10152
2	s_Lutsk-Olymp	Volyn Institute of Postgraduate Pedagogical Education	4	329
3	sRLBR_ALGO34	Rohatyn liceum	4	5366
4	sUzh_Last_attenpt	Ushgorod school	2	190
5	sUzh_Cucumbers	Ushgorod school	2	311
6	sPhTL_DevMops	Ivano-Frankivsk physics technological liceum	1	63
7	s_LPML_SomeHow	Lviv physics mathematical liceum	1	74
8	sUzh_Div0	Ushgorod school	1	108
9	sVunorobs	Vynogradiv school	0	0

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

The companies [Sigma Software](#), [DataArt](#) and [Leobit](#) provided prizes for winners.