



International Physicists' Tournament

Grade weight distribution, simultaneous participation of team IPT and team Ukraine, and simultaneous participation of two French teams

Remote poll - March 2023

Background

In 2019, the Decision Assembly had a discussion on the perception of two teams from France participating in the finale, as they both have been successful in the selective fights and the semifinals. In light of these concerns, the national representative decided to revisit the case of the participation of two teams from the same country and how it impacts the feeling of fairness of the contest.

At the same time, having team Ukraine and team IPT in the same IPT imposed safety and distress concerns and team leaders from team Ukraine asked for the possibility to separate the two teams during the selective fights.

Finally, ex-IPT Secretary Vladimir Vanovsky proposed an alternative weighting system to mitigate the impact of a different number of jurors in the physics fight rooms.

Poll results

Q1: For the IPT 2023, are we manually separating Team Ecole Polytechnique and Team Lyon so they do not take part in the same Physics Fight?



Yes - 2 votes

No - 6 votes

Q2: For the IPT 2023, are we manually separating Team Ukraine and Team IPT so they do not take part in the same Physics Fight?

Yes - 5 votes

No - 3 votes

Q3: For the IPT 2023, are we assigning different weights to the extreme grades according to the following procedure? $k = N_{\text{jury}}/4 - 1$. The number of completely discarded lowest and highest marks is $[k]$ - integer part of k . The same number of grades on the lowest and highest tails of the grades list receive the fractional weight $= 1 - \{k\}$, where $\{k\}$ is the fractional part of k . (see also slide attached to the mail)

Yes - 5 votes

No - 3 votes

Q4: For the IPT 2023, are we extending the grading system to let jurors give half-integer grades? In this way, the full range of the grades will be $[1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10]$ instead of $[1, 2, 3, 4, 5, 6, 7, 8, 9, 10]$.

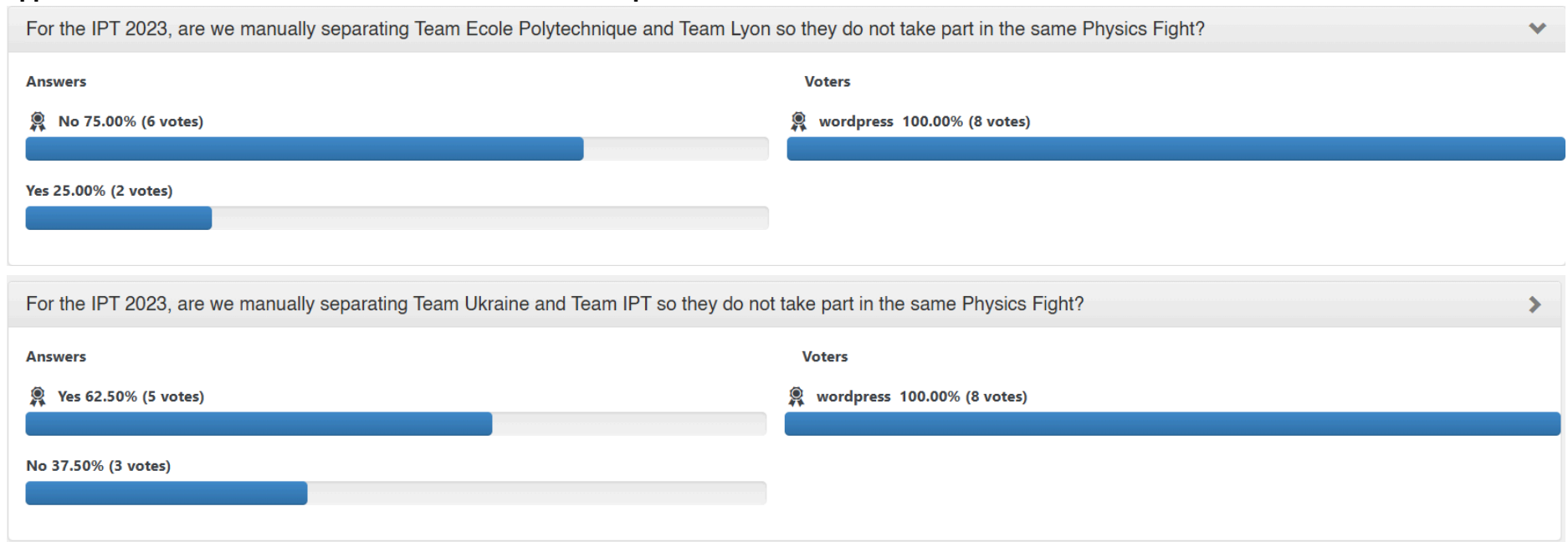
Yes - 2 votes

No - 7 votes

The online poll description is accurate.



Appendix: the screenshots from the IPT website with the poll results





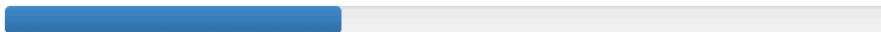
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Answers

Yes 62.50% (5 votes)



No 37.50% (3 votes)



Voters

wordpress 100.00% (8 votes)



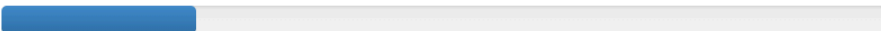
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Answers

No 77.78% (7 votes)



Yes 22.22% (2 votes)



Voters

wordpress 100.00% (9 votes)

