

# International Physicists' Tournament - Jury's Guidelines

## The Reporter

presents his/her solution to the problem within 10 minutes and details his/her work during the following discussion. Some of the problems are purposely ambiguous and the Reporter should clearly explain his/her understanding of the question.

### Physics 0-6

- Gives a short literature overview
- Appropriate model / orders of magnitude
- Investigates the role of main parameters
- Explanation of the phenomena
- Performs experiments or numerical simulations
- Correct treatment of data (error estimations, comparison between theory and data...)

### Debate 0 - 2

- Insightful explanations to the questions
- Acknowledges mistakes or weaknesses of his/her own work
- Clearly expresses his/her conclusions

### Presentation 0 - 2

- Slide quality (structure, content...)
- English, timing
- Team work

## The Opponent

criticizes the report, pointing out advantages and drawbacks of the presentation, in order to allow for a fruitful debate and a better understanding of the problem. The Opponent must focus on the Reporter's work and not present his/her own. The Opponent can present some results that clearly exhibit inconsistencies in a brief way. The Jury should decide on the relevance of such elements.

### Physics 0 - 5

- Acknowledges both strong and weak points of the report
- Demonstrates good understanding of physics of the problem AND of the solution presented by the Reporter
- Proposes relevant points for the discussion

### Debate 0 - 3

- Focuses on the report
- Avoid getting stuck in loopholes

### Presentation 0 - 2

- Quality and clarity
- Team work
- English, timing

**Those remarks are intended as guideline indications and are not to be taken as strict instructions.**

## The Reviewer

enters the fight to bring an overview of the debate and make sure that the discussion is not getting stuck. The reviewer should not be a second opponent

### Physics 0 - 4

- Improves the understanding of the problem
- Shows what the previous discussions brought to the understanding of the problem
- Gives a clear conclusion on how fully the problem is solved

### Debate 0 - 4

- Challenges both the reporter and the opponent
- Not passive, but chooses to intervene only when relevant

### Presentation 0 - 2

- Quality and clarity
- English, timing



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