

Minutes of the Meetings of the International Board during the 41st International Physics Olympiad in Zagreb (Croatia)
July 17 – 25, 2010

1. A total number of 370 contestants from the following 79 countries were present with a team at the 41st International Physics Olympiad:

Albania, Argentina, Armenia, Australia, Austria, Azerbaijan, Belarus, Belgium, Bosnia & Herzegovina, Brazil, Bulgaria, Cambodia, Canada, China, Colombia, Croatia, Cuba, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hong Kong, Hungary, Iceland, India, Indonesia, Iran, Ireland, Israel, Italy, Japan, Kazakhstan, Kuwait, Kyrgyzstan, Latvia, Lithuania, Macau, Macedonia, Malaysia, Mexico, Moldova, Mongolia, Montenegro, Nepal, The Netherlands, Nigeria, Norway, Pakistan, Poland, Portugal, Puerto Rico, Romania, Russia, El Salvador**, Serbia, Singapore, Slovakia, Slovenia, South Korea, Spain, Sri Lanka, Suriname, Sweden, Switzerland, Syria, Taiwan (Chinese Taipei), Tajikistan, Thailand, Turkey, Turkmenistan, Ukraine, United Kingdom, USA, Vietnam.*

* - guest team invited by the Organizing Committee to the Olympiad this year.

** - new country invited by the Organizing Committee to the Olympiads this year.

In addition, one country was represented by observers only: Saudi Arabia.

2. Results of marking the papers by the organizers were presented.

The best score (48.65 points) was achieved by Mr. Yichao Yu from China (Absolute winner of the 41st IPhO). The following limits for awarding the medals and the honorable mention were established according to the Statutes:

| | |
|-------------------|--------------|
| Gold Medal | 38.10 points |
| Silver Medal | 30.95 points |
| Bronze Medal | 22.35 points |
| Honorable Mention | 16.80 points |

According to the limits, 35 Gold Medals, 66 Silver Medals, 97 Bronze Medals, and 66 Honorable Mentions were awarded. The list of the scores of the winners and the students awarded with honorable mentions were distributed to all the delegations in print.

3. In addition to the regular prizes the following special prizes were awarded:

- *For the best score (Absolute winner)*
 - **Mr. Yichao Yui (China)**
- *For the best score in the theoretical part of the competition:*
 - **Mr. Yichao Yu (China)**
- *For the best score in the experimental part of the competition:*
 - **Mr. Zoltan Jehn (Hungary)**
- *Gorzowski Prize for the best participant among the countries that joined the IPhO in 2010 for the first time:*
 - **Mr. Jose Dimas (El Salvador)**
- *European Physic Society Award for the most innovative solution of the problem:*
 - **Mr. Yichao Yu (China)**
- *For the best Croatian participant :*
 - **Mr. Borla Vukadinovic (Croatia)**

4. The following three leaders were designated by the International Board to serve as consultants to the local academic committee for grading the students' solutions: Prof. **Juan Leon** (Spain), Prof. **Jaan Kalda** (Estonia), and Prof. **Suwan Kusamran** (Thailand).

5. Canadian leader, Prof. **Andrzej Kotlicki**, reported the results of the e-mail survey on "Classification of Difficulty levels of IPhO problems" which was conducted in November, 2009. He also proposed the guidelines for formulating future IPhO problems. The results and analysis would be published in the Journal of World Federation of Physics Competitions and posted on IPhO Web page.

6. The International Board discussed the proposal of changing the Regulations to Item #4 of IPhO Statutes, referred to replacing the voluntary fee by mandatory fee for participation in IPhO, which was formulated by Belgium leader Dr. **Joseph Indekeu** along with Drs. **Roger Weynants** and **Luc Henrard** on behalf of the Belgian National Committee of Physics and the Belgian Physical Society. The text of the proposal was disseminated to all leaders more than three months in advance. This proposal was rejected. The voting result was: total number of Members of the International Board present at the meeting – 151; required qualified one half of votes casting in the affirmative -76; number of votes in favor – 67; and 64 votes against.

7. The President of IPhOs, Prof. Hans Jordens, suggested the following proposals for preliminary discussions. The texts of these proposals had been disseminated to all leaders in advance. These proposals will be further discussed and voted in the next IPhO.

- Changing voting rules;
- Establishing marking rules of IPhO problems.
- Eligibility of new participating countries.

8. Two countries expressed their intentions in organizing future IPhOs: France in 2024 and Columbia in 2025, respectively.

9. The President of the IPhOs, Prof. **Hans Jordens**, acting on behalf of all the participants, expressed deep thanks to Prof. **Kreso Zadro** (Chairman of the Organizing Committee) and all

other Members of the Organizing and Academic Committees for very good and attentive preparation and conduction of the 41st International Physics Olympiad. Deep thanks were conveyed also to the Croatian Physical Society, the University of Zagreb, and the Ministry of Science, Education and Sports of Croatia, all the sponsors, graders, guides and other people who contributed to the success of the Olympiad.

10. The Thailand delegates disseminated printed materials about the IPhO 2010 to all the delegations and described present state of the preparatory works to ensure smooth organization of the next Olympiad.

11. In the closing ceremony of the Olympiad, acting on behalf of the organizers of the next International Physics Olympiad, Prof. **Supot Hannougbua** (Thailand) announced that the 42nd International Physics Olympiad would be organized in Bangkok from July 10th to 18th, 2011 and cordially invited all the participating countries to attend the competition.

.....
Prof. Hans Jordens Prof. Ming-Juey Lin Prof. Kreso Zadro
President of the IPhOs Secretary of the IPhOs Chairman of Organizing Committee

Zagreb, Croatia July 2010