



International Organizing Committee
Young Physicists' Tournament



EC meeting

Minutes

October 28th – 30th 2011, Bad Saulgau

Present: Alan Allinson, Martin Plesch, John Balcombe, Li Chuan, Georg Hofferek, Tim Hell, Dina Izadi, Rudolf Lehn

TH presented a preliminary version of HD video from IYPT 2010 final – Austrian team performance. Discussion about the need for high quality video recordings not only from finals, but also from selective fights was held.

Visit of the premises

Fight rooms are perfect, they are centered in one area and in the hall in the centre refreshments can be served and students can meet. To avoid noise, in good weather refreshments can be served outside. IYPT office shall be located in the same building.

Two screens and two projectors shall be provided, plus a blackboard and whiteboard. Extension cords will also be provided.

Concerns were expressed about the fact that rooms presented for the accommodation were really big.

EC states the minimal standard for accommodation:

Team leaders: maximum two persons per room, no bunk beds. No shared toilets and showers with team members.

Team members: maximum five persons per room, conditions on the space in the room.

General condition: separate rooms, toilets and showers for boys and girls.

There shall be no more than 10 students per one shower/toilet.

Food could be served outside, from a tent. This would clear six to seven rooms to provide more space for accommodation.

Internet shall be provided to participants via Wi-Fi connection.

In the preregistration, team leaders have to state whether they want to stay with the team or in the hotel/city center.

Visitors

EC does not encourage visitors. There shall be one single fee for visitor and every visitor shall pay the fee. There is no right for any country to demand a visitor place. However, if not all visitors are accepted, there must be a transparent selection procedure.

Scoring and drawing of lots software

GH presented an idea that the registration software, scoring software, clock and drawing of lost shall be managed by the EC centrally. Suggested that together with TH and Wolfgang Buc would make scoring and drawing of lots software till IYPT 2012. Clock shall be available for download and run under flash. RL can pay for this work to a certain extent.

IYPT 2011 Iran – measures to be taken

EC is nominated by the IOC. LOC cannot interfere with the constitution of the EC. Head of the LOC is a member of the EC and takes the full responsibility of the organization of the tournament. The responsibility cannot be fully delegated to anyone else. Any cooperating institution shall be covered by a clear written contract. The mandate to organize an IYPT tournament shall be given to a triplet of a country, organization and a person. In the future, IMO will be the responsible entity.

EC shall state minimal standard for accommodation, board, competition rooms, schedule etc., possibly as a contract between IMO and EC IYPT. AA will prepare a draft.

The decision about future organization shall be done as soon as possible, at least two years in advance.

Statutes update – formal procedures

MP will care for translation and registration.

IMO recognition procedure

Draft letter for application – GH will prepare in cooperation AA.

Name

Type

Contact, web page

Name and contact of the delegate, who observed or took part in the past

Declaration

Recognition shall be for a given time, e.g. 5 years. Qualification activities shall not generate any profit and be open to all students/teams from the country.

A recognition letter will also be drafted by GH and AA.

Finances of IYPT, support for the EC meeting, translation cost for statutes

Balance as for today 7661.12 €.

Translation will be covered by the IYPT budget.

For the future, only costs for the elected EC members shall be covered from the IYPT funds.

Distribution of the 1200,- € between EC members:

DI 320,- €, GH 90,- €, JB 100,- €, AA 690,- €. If the costs of JB can be covered by his school, his portion will be given to AA – this was later confirmed, so AA shall receive 790,- €.

EC will suggest to IOC that the organization of the EC meeting shall be of a full responsibility of the LOC, including the flight costs.

EC meetings shall be held in later November generally.

A single representative of the EC shall visit the premises of future IYPT about a month before the tournament. For 2012 GH will come to Bad Saulgau in mid June.

Fees for IYPT 2012, general fees policy

Registration fee for visitors staying in campus shall not be publicized until one knows there will be place for it.

In general, 7 persons are covered by a standard registration fee for a team (5 students and 2 team leaders, one of them must be qualified for a jury). Each country may nominate one independent jury member without further registration fee. The IOC delegate must be either a team leader or an independent jury member. EC members are guests of the LOC.

EC suggests to LOC to set the registration fee between 900,- € and 1200,- €. EC suggests not to introduce a fee for a single observer from a new country.

Fundraising

Short video about IYPT shall be prepared as soon as possible. TH will ask his colleague about the prize to prepare such a video. The webpage shall contain enough information about the competition also for an outsider. It shall be clear that we can advertise the tournament also in IMO countries efficiently. A flyer shall also be prepared with basic information about IYPT (MP will send Slovak flyer translated to English).

Packages (including mission statement of IYPT) shall be prepared for sponsors – level of advertising dependent on the level of sponsorship. AA will prepare a draft.

Problem selection

Citing the minutes from EC meeting 2007:

To enhance the quality of problems, the selection process (including the pre-selection part) shall be improved. John Balcombe as the responsible person for the pre-selection will be asked to suggest further candidates for a pre-selection committee (5-8 people). After forming such a committee, the selection procedure should have the following steps:

- Each country should suggest at least three problems. Each problem should be properly formulated and accompanied by an explanation of the essence of the problem, if needed. The name of the author and an e-mail contact should be provided.
- The committee will exclude clearly inadmissible problems (repeated, dangerous, trivial or solved problems). It will refine the wording of the other problems together with the authors, if needed.
- The committee will ask for a single review (about a paragraph long) for each problem. Such a review should be prepared by qualified physicists, who shall be suggested by IOC members to the committee.
- Taking into account the review of the problems, coverage of different areas of physics, balance of theoretical and experimental problems the committee will pre-select 22-25 problems. These problems (with final wording) will be presented in the IOC selection meeting where the final set of 17 problems is decided. The wording of the problems should not be changed during this IOC meeting, unless really necessary.

Problems with a positive review, which were not selected, will be stored in a database. This will be available via web-interface to all IOC members. In case there will be too few problems suggested, the selection committee can use problems from the database.

Also a database of problems already used in the tournament will be prepared, to allow the committee a simple check of a possible repeat of a problem.

Submission will run via a form (prepared by MP), containing: Country, authors' name, e-mail, name of the problem, problem phrasing, citation of the source, wherever relevant, short explanation of the physics of the problem and expected contribution of the team.

A copyright statement will be part of the form, stating that the wording of the problem is made by the author, as well as any pictures attached. The author agrees to transfer the copyright of the problem to IYPT, if the problem is used in the following three years within IYPT.

A call will be presented on the webpage and sent to IOC members. Authors will be asked to send the problem to the relevant IOC member, or, if needed, directly to one of the EC members.

All problems will be sent to all IOC members for ranking.

After that a committee shall prepare a selection of 17 problems plus a few substitutes, with final phrasing. Committee will have the right to use also old, unused problems.

Committee members invited by the EC (MP will invite): John Balcombe, Ilya Martchenko, Samuel Byland (with Heinz Kabelka as a substitute), Feng Song.

To the IOC the whole list of problems will be presented, with the preliminary ranking, and the pre-selected problems by the committee.

AA will write an e-mail all countries not submitting problems in last two years.

Jurors in IYPT

Jurors not experienced in IYPT shall watch the first Physics fight, before (s)he takes part in grading.

For the registration form, a possibility for a juror shall be given to declare conflict of interest. Also a question about past experience from IYPT jury shall be asked, as well as his/her availability to chair.

The new scoring guidelines that were introduced this year and the corresponding feedback obtained from IOC members, jurors, and participants were discussed. EC thinks that the definition of a report, opposition and review is good, but shall not be connected with the definition of 5 points. It shall be stated that 5 points are given for an average performance. An updated version will be prepared by JB within a week and presented to EC for approval.

Qualification criteria shall be published on the web site together with the statement, that registration is valid only after confirmation from the LOC.

List of jurors with qualification shall be communicated to EC.

Video from the jury meeting in Tehran 2011 shall be available on the webpage.

Jury meeting shall be scheduled after the opening ceremony.

For selecting jurors for jury, either AA or MP shall be free from jury duties during all PFs.

Substitutes will be published for every PF. There are expected to stay near the IYPT office during the beginning of the fights.

Jury questions: which type of questions to allow?

Chairperson shall guarantee obeying of the guidelines. All questions are allowed that are posted according the jury rules.

In both **Chairperson guidelines** and **Jury guidelines, Jury behavior part**, point one, the last sentence shall be removed so it reads:

During the fight, jury members must pay full attention to team performances. They are not allowed to discuss proceedings among themselves or with other people in the room. ~~Short questions and answers among jurors are allowed to clarify the report or discussion of the teams.~~

IYPT archive

Being enlarged gradually, contains information about history of IYPT, solution of problems etc. Solutions from IYPT 2010 and IYPT 2011 for the *IYPT 2011 book* are being collected via the iypt.org page.

IYPT journal

Call is prepared; forms are prepared in MS Word. Link from the IYPT web page shall be added.

Any other business

Thanking Rudi for the organization of the EC meeting.

Thanking Tim for his efforts.

Invitation to JYPT in Australia – age under 16, or not in the last two years of the high school. October 2012, probably in Tasmania, school based, three nights.

Schedule of the IYPT 2012 was discussed and updated.

Prepared by: Martin Plesch

Approved by: Alan Allinson

Annexes:

Updated version of Scoring guidelines, Chairperson guidelines and Jury guidelines are published on the iypt.org website.