

International Committee

Minutes of the Meetings held in Brisbane, Australia 6–13 July, 2013

Present:

Richard Forster	President	forster@olympiad.org.uk	Great Britain	2011–2014
Giuseppe Colosio	Host 2012	giuseppe.colosio@istruzione.it	Italy	2008–2013
Peter Taylor	Host 2013	pjt013@gmail.com	Australia	2009–2014
Greg Lee	Host 2014	leeg@csie.ntnu.edu.tw	Taiwan	2010–2015
Fuad Hajiyev	Host 2015	fuadhaci@gmail.com	Kazakhstan	2011–2016
Vladimir Kiryukhin	Host 2016	vkiryukhin@nmg.ru	Russia	2012–2017
Krassimir Manev	Elected	manev@fmi.uni-sofia.bg	Bulgaria	2010–2013
Kresimir Malnar	Elected	malnar@hsin.hr	Croatia	2011–2014
Valentina Dagiene	Elected	valentina.dagiene@mii.vu.lt	Lithuania	2012–2015
Mārtiņš Opmanis	Elected	Martins.Opmanis@lumii.lv	Latvia	2012–2015
Madhavan Mukund §	Executive Director	madhavan@cmi.ac.in	India	2011–2014 §Non-voting

1. Welcome

- Richard Forster welcomed the committee to the meeting.
- Peter Taylor welcomed the committee to Australia.

2. Apologies

Apologies were received from David Ginat.

3. Urgent decisions regarding IOI-2013

- Egypt had requested a fee waiver to account for unanticipated costs due to the delegation arriving a few hours before the start of official pickups from the airport.

The IC was not in favour of approving this request because some other delegations had also faced similar problems.

The Egyptian delegation confirmed that they did not incur any additional expenses on account of their early arrival because they decided to stay in the airport and wait for the official pickup. The request for a fee waiver was withdrawn and the full registration fee was paid.

- In the two weeks leading up to IOI-2013, the IC had received emails from the Bulgarian Academy of Sciences and the Bulgarian Parliament regarding the proposal raised in the GA in IOI-2012 to make Prof Blagovest Sendov a member of the IOI Board of Patrons. Peter Taylor had also been contacted by the Bulgarian Ambassador in Australia who informed him that Prof Sendov had already made travel plans to attend IOI-2013 in this connection.

Peter Taylor communicated to the Ambassador that the GA had decided during IOI-2012 that nominating Prof Sendov to the Board of Patrons, a body that had never had any members, would not be an appropriate way of recognizing his efforts. The GA had voted instead to honour him with IOI's highest honour, the Distinguished Service Award.

The Ambassador was able to convey these facts to Prof Sendov in time for him to cancel his travel plans.

4. Confirmation of Minutes (IC meeting 22—24 February, 2013)

The minutes of the previous IC meeting were approved.

- There was a suggestion that, in the future, minutes of IC meetings could be approved through an electronic vote, to allow them to be published in a timely manner on the IOI website.
- The general consensus was that the IC should continue the traditional practice of formally approving each set of minutes at the next physical meeting of the IC. However, after the contents of the minutes had converged through an email discussion, a draft version could be published on the IOI website.

5. Matters arising

- In connection with the change of representation from Chile, there was a suggestion to formulate a more precise 'algorithm' to decide on the legitimate representative from each country. The difficulty with this is that the exact circumstances vary widely from country to country. Finally, it was agreed that it would be best to decide each case on its merits.
- There was a discussion about the new registration system used for IOI-2013, which was designed and implemented by Richard Forster and Eljakim (Kim) Schrijvers. The system was found easy to use. Direct online access could be provided to the Australian immigration authorities to expedite visa processing. The plan is to continue to use it in future years and allow importing of data from one year to the next. Some concerns were raised about information security. At present, the actual data is hosted off-site. Also, the privacy laws about storing and transferring personal information vary from country to country. These issues will be investigated.

- There was a discussion about the revamped IOI website. The list of participating countries includes some that have not participated recently. A list of such countries would be prepared to decide whether any of them should be removed from the active list.

The Editorial Board for the IOI Wiki is yet to be set up. Wolfgang Pohl, Mathias Hiron and Martin Mareš have indicated that they are too busy to take this up actively in the near future. Eduard Kalinichenko is currently actively driving the website, especially with respect to incorporating statistics.

A call for larger participation in the website and communication would be announced in the GA.

- No progress had been made in organizing an IOI workshop in 2013. Renewed efforts would be made during IOI-2013 to identify a set of organizers to put together a workshop in 2014. (See item 18, below.)

6. Report by President

Richard Forster reported on his activities since February 2013.

- The President informed the IC that his focus had been on improving communication within the IOI community. This included keeping the GA informed about issues discussed with the IC.
- This year, there was more active involvement with the host organizers than in previous years.

7. Report by Executive Director

Madhavan Mukund reported on his activities since February 2013.

- One of the ongoing activities of the Executive Director (ED) is to respond to correspondence from new countries wishing to be part of IOI. A standard response is sent regarding the expectations of the IC in terms of the selection process and support from national organizations. Many enquiries are from individuals who are not in a position to organize a national activity and they do not follow-up once this response reaches them.
- Mozambique was granted Observer status for IOI-2013 but have not registered. The ED will follow up to ascertain the cause for this.
- Like the President, the ED has been actively involved in resolving and clarifying issues raised by the host organizers.

8. ISC and ITWG Report

Fredrik Niemelä and Martin Mareš reported jointly on the activities of the ISC and the ITWG.

- There was a detailed discussion on the role of the ISC in overseeing the work done by the HSC, especially in the context of the technical issues encountered during the two competition days at IOI-2013. Here are the points that emerged in this discussion.
 - The ISC has prepared a report demarcating the division of responsibilities between the HSC and ISC.
 - In 2013, the general plans for technical arrangements were fine but some milestones were missed. The main difficulty was that the ISC assumed that things were under control and problems were detected only on the first competition day. In hindsight, the ISC failed to ask the right questions.
 - Overall, there should be a better system in place for risk analysis and better preparation for crisis management, with a clear indication of who is in charge of making decisions.
 - IOI should emulate the rigorous automated system of tests in place at ICPC to validate changes to questions. The verification processes in place at IOI are more manual, and hence more error-prone.
 - In general, it is best to avoid any changes to tasks. In IOI-2013, 4 out of 6 tasks were finalized at Version 1, indicating that the HSC had prepared the task statements carefully.
 - Final testdata should be available well in advance. The problem on the first competition day arose due to a combination of the problem specification (time limits and size of test data) and the settings on the grader. Submissions that took a long time to evaluate resulted in grader machines being wrongly diagnosed as “faulty”. A cascade of such diagnoses brought the grading process to a halt. These problems also exposed some implementation errors in the CMS grading system that had not been uncovered earlier.
- The IC had discussed some potential problems with full feedback with Ben Burton in its February 2013 meeting which, apparently, had not been communicated to the ISC as a whole. The IC expressed its concern about this breakdown in communication with the ISC.
- There was a discussion on whether full feedback on all problems was the main cause of many of the technical issues encountered at IOI-2013. The observation was that full feedback can cause submission queues to grow uncontrollably large. Also, incorrect data may report non-existent errors in contestants’ code, resulting in large-scale re-grading.

The ISC’s position was that full feedback was the preferred way to conduct the contest. An intermediate possibility would be to have partial feedback with a reliable set of public testcases. However, the ISC felt that the machinery used to validate these public testcases could also be used to validate the entire set of testdata in case of full feedback.

Regarding re-grading, the internal policy of the ISC is to never reduce a contestant’s score as a result of changes to the testdata.

- There was a request that future hosts would greatly benefit if the ISC could prepare a report about problems encountered and their solutions, as well as plans for improving IOI and technical changes being considered by the ITWG. The ISC pointed out that this information is shared with the ISC members nominated by future hosts, so such feedback is already available to future hosts.
- There was a discussion on whether new programming languages in IOI should be discussed by the IC first. Since these are part of the competition rules, this falls within the scope of the ISC. However, the ISC should inform the IC if such changes affected the nature of the competition.
- There was a suggestion to introduce a mechanism to automatically detect which task a submission was intended for, to avoid a class of simple errors. The ISC pointed out that adding new features makes the grading system more complex and less reliable, so inessential features should be avoided.

- It has been decided by the ISC that Java will not be introduced as an official language in IOI-2014, based on the technical recommendations from the hosts. This will be announced by the ISC via the `ioi-announce` mailing list a few weeks after IOI, well within the deadline of 31 October announced in the GA. The ISC is still working towards including Java in IOI-2015.
- It was reported that all ISC meetings during IOI-2013 were formally minuted.

9. Report on *Olympiads in Informatics* and the IOI Conference

Valentina Dagienė reported on the IOI Conference and the latest volume of *Olympiads in Informatics*.

- Volume 7 of *Olympiads in Informatics* had 14 research papers and 5 reports.
- Prof Simon from the University of Newcastle had prepared a report on Volumes 1–6. He had noted that there had been 101 regular papers in these 6 volumes, not counting reviews. Prof Simon’s report included the following points.
 - The quality of papers is generally improving.
 - There is a need for papers analyzing the impact of IOI, for instance, on the future careers of students.
 - Statistical studies should be encouraged.
 - There should be papers discussing the future evolution of IOI.
 - There should be papers with recommendations for teaching informatics in schools.
- The attendance at this year’s IOI conference was good, but there were not many questions from the audience. It may be a good idea to have the conference on just one day next year. This will be discussed at the next IC meeting, in February.
- There was a discussion on encouraging more young authors to contribute papers. One suggestion was to institute a best paper award for “young researchers”. Authors of best papers who are not from the IOI community could be invited to IOI. The future hosts present in the meeting felt that it should not be a problem to accommodate 3–4 extra people for 3–4 days. However, some discussion was needed on whether to charge a registration fee.

10. Awards and Trophies

- The badges for IOI-2013 are ready.
- Two trophies, for the Distinguished Service Award (DSA) and the top scoring student, have been ordered through Mohamed Aly Youssef in Egypt and have arrived with the Egyptian delegation.
- For the DSA, only one nomination was received in response to the call sent out by the ED. Giuseppe Colosio proposed the late Marta Genovite de Vita for her contributions to Italy’s participation in IOI. The IC felt that her major contribution was to the Italian effort in IOI, rather than IOI in general. It was agreed that no DSA would be awarded this year.
- For 2014, the ED will again circulate a call for nominations, which will be discussed at the next meeting of the IC, in February, 2014.
- The cost of the trophies has been steadily increasing. A spare trophy is available this year. This will be shipped to Taiwan and the Greg Lee will investigate if a similar trophy can be prepared at a lower cost for future years.

11. Finances and Budget

Kim Schrijvers presented details of the IOI finances and budget.

- The amount budgeted for ISC and ITWG expenses was not used. As agreed earlier, this money was shown as spent, and accounted for as sponsorship by the host institutions of ISC and ITWG members who were subsidizing their IOI activities.
- € 700 was budgeted for Finances, to cover bank charges and the IOI Foundation's annual registration fee in the Netherlands. This year, the government did not charge a registration fee, so the amount actually spent was much less. However, it was decided to keep the amount for this item at € 700 in the budget for the coming year since there was no guarantee that the government policy would remain the same.
- It was agreed to keep the budget for the IOI website and communications at € 5000 to support the activities initiated by Mārtiņš Opmanis and Eduard Kalinichenko.
- The budget item for the IOI Workshop was carried over to the forthcoming year.
- Other items in the budget were carried over more or less at the same levels as in the previous year. Travel costs for the President and ED were expected to be less to reach Taiwan than they were to reach Australia.

12. Report on IOI-2013

Peter Taylor presented a report on the organization of IOI-2013.

- The report began with a summary of the financial situation.
 - The Australian government had provided funding of AUD 500,000 to IOI. In addition, the Queensland government had contributed AUD 50,000, the Australian Mathematics Trust (AMT) had contributed AUD 7,500, the Alumni Friends of the University of Queensland (UQ) had sponsored the welcome party for leaders (AUD 3,000) and the Brisbane city council had contributed AUD 5,000.
 - Sponsors who provided support in kind included Dell (laptops, approximately AUD 50,000), Ricoh (printers, AUD 5,000), GGF (servers, AUD 5,000), Energex (generator, AUD 13,000) and Cisco (switches).
 - Guest fees had realized AUD 80,476 and private sponsors had provided AUD 1,000.
 - The shortfall in the budget after accounting for external income was AUD 193,580. This amount would be underwritten equally by AMT and UQ, by their earlier agreement. However, this amount includes AUD 150,000 for staff wages, so the actual amount to be underwritten should be less.
- The Organizing Committee structure was as follows.
 - Peter Taylor was the Chair of the Committee.
 - Andree Phillips was in charge of logistics and had appointed separate managers for key sub-activities such as transport, catering, guides, ceremonies and excursions.
 - Ben Burton was the Chair of the Host Scientific Committee.
 - Bernard Blackham was in charge of all technical arrangements for the contest.
 - Jan Collins was in charge of bags, medals, printing and related items.
- The IOI website was maintained by Bernard Blackham. Public relations activities were coordinated by Janine Bavin (AMT), Aarti Kapoor (UQ), and Eleanor Fisher (UQ Science Faculty). A daily newsletter was produced by the UQ Journalism School, which was also involved in preparing other media material, such as videos.

- Accommodation was arranged in various colleges in UQ: St Leos and St Johns (leaders), Emmanuel (volunteers), Cromwell and Grace (contestants) and Kings (guests). Information desks were set up in each college.
- Two wireless networks were set up to provide internet access separately to leaders and contestants.
- As usual, the hosts provided pickups and drops from/to the airport. Delegations that arrived early were picked up from city hotels. Participants staying on beyond IOI would be dropped off in the city centre. Approximately 25 delegations arrived ahead of the scheduled arrival date.
- A new registration system set up by Richard Forster and Kim Schrijvers was used for IOI-2013. The Australian immigration authorities were provided direct access to the registration system to expedite processing of visas. Most countries were able to get visas easily.
- 78 countries were represented at IOI-2013. There were no Observers.
 - Libya and Syria were not able to obtain visas for IOI. Moldova got their visas very late and could not make it to IOI.
 - Albania, Cuba, Ghana, Jordan, Nigeria and UAE did not participate due to financial difficulties.
 - Mozambique had been invited as an Observer, but did not participate.
- All guides and volunteers were provided with detailed training over a weekend in June.
- The main excursions for contestants and leaders were to Underwater World and Mooloolaba Beach on the Sunshine Coast and to the Australia Zoo, also on the Sunshine Coast. As usual, additional excursions were arranged for guests.
- The opening and closing ceremonies were organized at the Anglican Church Grammar School (Churchie). The closing ceremony was to be followed by an Australian barbecue on the UQ grounds.
- As usual, a trophy would be presented to the student with the top score. In addition, IFIP had sent a medal to be presented to the youngest medallist. It was agreed that this would be presented to the recipient along with the regular medal during the ceremony, with a suitable announcement. There would be no separate speech on behalf of IFIP.
- As part of IOI, there would be a conference for local school teachers on the day of the closing ceremony. A special lecture was also scheduled for all IOI participants on Thursday night. This outreach activity was being coordinated by Leon Stirling. The original plan to invite the local teachers to also attend the closing ceremony had to be given up due to the rescheduling of the ceremony.

13. Report on IOI-2014

Greg Lee presented a report on IOI-2014, to be held in Taiwan.

- The dates for IOI-2014 are July 13–20, 2014.
- The weather in July is expected to be hot (high 32 C, low 26 C) and humid. This is before the main typhoon season. There is usually not much rain during this period.
- Major funding for IOI-2014 will come from the Ministry of Education and the National Science Council. Other sponsors include Acer (systems/PCs), Cisco (network), China Telecom (communication), Taipei City Government (opening ceremony) and Intel (IOI conferences and workshops). The sponsor for the closing ceremony is still to be decided.
- The contest will be held in Taipei International Conference Centre (TICC), close to Taipei 101. Taipei 101 was itself considered as the venue, but it was expensive, and they could not commit the space till a few months before the event.

The contest hall will be organized across two floors, accommodating 330 workstations in all. GA meetings will be held at TICC. There will also be meeting rooms for the IC, and HSC/ISC. The IOI conference could also take place at TICC, depending on where accommodation for leaders was arranged (see below).

- The opening and closing ceremonies will be held in TICC. The auditorium can seat 3000, with 1200 on the lower level. The organizers are still looking for a sponsor for the closing ceremony, including a banquet, in which case the venue may change accordingly.
- The machines provided to contestants will be Acer laptops with 15 inch monitors, and an external keyboard and mouse. Limited requests for external monitors will be entertained, typically based on medical needs. It was suggested that these requests could be incorporated into the registration system.
- Translations will be done on laptops. Many leaders prefer to use their own laptops. The organizers will provide laptops on loan for leaders who do not bring their own laptops. The translation room will be set up with chairs and tables, power connections and food.
- Accommodation for leaders and guests was originally planned to be in the Hyatt Hotel, very close to TICC. However, Hyatt had demanded a large down payment, so the current plan is to use the Regent Hotel, which is further away from TICC. Both hotels are 5 star and of comparable quality.

The Regent is 10–15 minutes away from TICC by bus and MRT (metro) and a 10 minute walk from the student hotel. If leaders are accommodated in Regent, the IOI Conference would be held in the hotel.

Hyatt is still the preferred choice for accommodating leaders and there are indications that they may be willing to renegotiate terms for making a booking.

- Contestants and guides will be accommodated in the Sunworld Dynasty Hotel (a 4 star hotel, formerly Holiday Inn). Two participants will be assigned to each twin sharing room. (The original plan was to use the Howard Plaza Hotel but the Howard Plaza Hotel is going to be renovated during the dates planned for IOI-2014.)

Contestants will have access to sporting facilities (swimming pool, tennis and basketball courts, gym) at the NTNU High School nearby.

- Taipei airport is connected by direct flights to major hubs in East Asia. There are also some direct flights from Europe, North America and Australia.

The bus ride from the airport to the city takes 50–90 minutes, depending on the traffic. The MRT link from the airport to the city is expected to be operational by the end of 2013.

- All delegations will be picked up from and dropped back to the airport on arrival and departure days, as is the usual practice.

Delegations that arrive early will have to arrange their own hotels. Once the hotel for leaders is finalized, it might be possible to negotiate a preferential rate for delegations wishing to book additional days' stay. It was yet to be decided whether delegations that arrive early will be picked up from the hotel or the airport.

- On contest days, buses will be arranged to transport students and leaders (depending on where accommodation is arranged) to and from TICC.

Buses will be used for leisure trips. In addition, the Night Market can be accessed by MRT and public buses. All participants will receive free passes that can be used on the MRT and bus.

- The organizers are already engaged in discussions with the immigration authorities about visas. Government representatives have been participating in organizational meetings for IOI-2014.

Regarding participation by China, current relations are cordial and it is hoped that there there will be no barriers to full participation in IOI-2014.

- The next IC meeting will be held during February 21–23, 2014 in Taipei. February 20 is the date for arrival and February 24 is the date for departure. The ISC meeting will also take place on the same dates, which will enable joint discussions between the IC and ISC.

14. Report on IOI-2015

Fuad Hajiyev presented a report on IOI-2015, to be held in Kazakhstan.

- Fuad Hajiyev is the new IC member representing IOI-2015. Bakhyt Matkarimov has moved to the ISC.
- The main organizers of IOI-2015 are the Ministry of Education and Science of Kazakhstan and Nazarbayev University (NU), founded in 2010, which is an autonomous organization of education—a new style of university in Kazakhstan.
- IOI-2015 will take place on the NU campus in Astana. This is the biggest university campus in Kazakhstan with excellent educational and social facilities and IT infrastructure.
- IOI-2015 will take place over 8 days during the period July 20–August 10, 2015. The exact dates will be fixed by January, 2014.
- The Ministry will operate through Daryn, a centre with considerable experience in conducting national and international olympiads, include IMO-2010, the Mendeleev Olympiad in Chemistry in 2012 and the forthcoming IPhO in 2014.

NU has NURIS, the Nazarbayev University Research and Innovation System, which has cooperated with Daryn for the Mendeleev Olympiad in 2012 and is also involved in organizing IPhO-2014.

There will be two organizing co-chairs, one from Daryn and one from NU. Fuad Hajiyev will be the co-chair from NU.

- Daryn will provide the funding (from the government), make arrangements for the social programmes for participants and guests and arrange accommodation for leaders and guests in hotels adjacent to the NU campus.

NU will provide scientific and technical support, including IT infrastructure, and accommodation for students on campus.

- The formal agreement between the government and NU about organizing IOI and commitment of funds is expected to be signed in August–September, 2013.
- The budget will be approved in August, 2014. It cannot be done earlier because of government regulations.

Funding for IMO-2010 was USD 2.5 million. It is expected that the budget for IOI-2015 should be at the same level or higher. The Kazakhstan government has committed to increase spending on education by a factor of 8 between 2012 and 2020. Also, Daryn centre is well funded.

This budget currently includes the hardware costs. Efforts will be made to find separate sponsors for hardware.

- The NU dormitories can currently accommodate 2000 students (500 rooms, 4 students to a room with a separate bathroom). Dormitories have facilities for sports and recreation. New dormitories with two person rooms, where two rooms share a bathroom, will be ready in August, 2013.
- The contest hall will be in the new sports complex, which has an area of 8000 sq m.
- The hotels where leaders are accommodated are a 10 minute bus ride away from the venue.
- The first excursion is planned for the National Park, 2.5 hours from Astana.

The second excursion is yet to be decided. One possibility still being considered is to charter flights to the Almaty, the historical capital. The IC repeated its strong recommendation to avoid long travel by large groups during IOI.

- The Host Scientific Committee will be headed by Bakhyt Matkarimov. The NU campus hosts a strong technical team and has experience of hosting many important guests (including the Prime Minister of the UK and the President of Microsoft).
- NU students will serve as volunteers. These will be mostly English speaking. Efforts will be made to locate students from other institutions in Astana who speak other languages.

15. Report on IOI-2016

Vladimir Kiryukhin presented a report on IOI-2016, to be held in Russia.

- The organizers are waiting for a formal government regulation confirming support for IOI-2016. This was expected from the Prime Minister of the Russian Federation in 2–3 months. Once this formal support is confirmed, the budget will also be fixed.
- The Ministry of Education and Science and the Ministry of Communication of the Russian Federation will be jointly involved in organizing IOI-2016, along with government of the Republic of Tatarstan.
- All participants will be housed in the Universiade Village (currently going on in Kazan, July 6-17, 2013, with 3500 athletes participating.)
- A new complex with IT infrastructure is being set up in the Scientific City Complex and is promised to be ready in time for IOI-2016.

16. New countries

- The Dominican Republic and Puerto Rico have expressed an interest in participating in IOI in the future. The usual note about IOI's expectations have been sent to them.
- Puerto Rico appears to be a problematic case because it does not meet the definition of a country as spelled out in S2.1 of the IOI regulations.

S2.1 *For the IOI, a Country is a state that has an officially recognised relationship with the United Nations, UNESCO, or which has already taken part in one or more past IOIs.*

The IC unanimously decided that this definition of a country should be retained. The ED will inform Puerto Rico accordingly.

17. Future Hosts, Candidate Hosts and Potential Hosts

- The IC had received two Letters of Intent for hosting IOI-2017, from Azerbaijan and Iran.
- Both countries made presentations to the IC about their plans to host IOI-2017, including details about the venue, infrastructure and organizations involved.
- Both proposals were considered to be strong and there was a lot of discussion about the relative merits of each proposal. This included the scientific and organizational experience of both teams as well as issues such as security for visitors. At the end of the discussion, the majority vote in the IC was to appoint Iran as the Candidate Host for 2017.
- Azerbaijan has indicated that it is also willing to make a bid to host IOI-2018.
- An informal indication of interest in hosting IOI-2018 has also been expressed by Japan.

18. IOI Workshop

- Mile Jovanov from Macedonia has agreed to coordinate an IOI Workshop during 2013–2014.
- Mile has suggested two topics.
 - Grading and management systems
 - Informatics curricula for schools
- Wolfgang Pohl suggested as a topic online teaching methods (such as Mathias Hiron's system in France), both for IOI students and general students.
- Mārtiņš Opmanis suggested as a topic how to include more "unusual" tasks to test students at IOI, including more industry-oriented problems.

19. Regulation changes

Richard Forster described proposed changes to the regulations. These would be presented to the GA during IOI-2013 and formally drafted and voted on by the GA in IOI-2014.

- All references to the Board of Patrons will be removed from the regulations. Not all IC members were in favour of this, but in a vote, an overwhelming majority agreed with the suggestion.
In a related matter, the current regulations (S2.7) mention invited guests from UNESCO, IFIP and the Board of Patrons (one each). It was agreed to reword this to allow no more than three invited guests, in cooperation with the host country, but without any specification of the organizations represented by the invited guests.
- There had been some earlier discussion to include regulations to officially retain the full set of scores after IOI for statistical purposes, especially since these are available publicly through the scoreboard.
The regulations will be amended to include a clause obligating the host country to provide final scores of all contestants along with all supporting data about scores in tasks and subtasks. This data should be provided to IC (the Office of the ED) and to the ISC.
- The post of Treasurer will be recognized in the regulations, thereby formally confirming the situation that exists in practice. The duties of the Treasurer will be spelled out and various clauses currently in the regulations pertaining to finances will be modified appropriately.
- The approval voting procedure, currently described only for elections with n ($n > 1$) positions, will be extended to cover all voting by the GA on items with n options.
A separate note should be added about how abstaining votes are accounted for when a simple majority vote is taken.
- The medal allocation algorithm will be formally incorporated in the regulations.

20. Report by Chile delegation to IOI-2013

Jorge Perez, the Team Leader from Chile, reported on the arrangements made by the Chilean Computer Science Society (CCSS), recognized by the IC in February, 2013 as the official organization in charge of selecting the Chilean team to IOI.

- After receiving the IC's formal approval in February, small workshops about IOI were held at universities throughout the country where schools were invited (15 workshops at 8 cities in 7 regions).
- A regional competition was held on May 4 across the country. This was followed by a final competition in Santiago where the IOI team was selected. After the final team was selected, training was organized along with the Chilean team participating in the ACM-ICPC World Finals.
- The selection process this year was compressed in 3 months. Next year, the regional competitions are expected to be completed by December. The activities will be expanded and more people will be involved in the Scientific and Technical Committees. The aim is to be as inclusive as possible.
- The main difference between the organization this year and previous years was that decisions were taken by several people working together, and selections took place across the country through a national contest.
- Last year, of the 3 contestants from Chile, 2 had a score of zero. This year, a full team participated and one student was in contention for a bronze medal.
- CCSS has government support through the Ministry of Economy. Discussions are also on with the Ministry of Education to get their formal support but the process is more bureaucratic. This support will help reach schools and school teachers more effectively.

21. Other business

- There were no items discussed under this heading.