

Issue No. 1

Sunday, August 17, 2008



Welcome to the 20th Round of IOI

Dear Contestants, Leaders and Guests, welcome to IOI 2008, Mubarak City for Education and bright sunny Cairo!!

Undoubtedly, during this Olympiad you will experience a mix of hard work and fun. The local OC and volunteers have been working tirelessly to prepare lots of fun



Dr. Ekram Fathy

Dr. Mohamed Youssef

IOI 2008 Chairmen

Dear IOI 2008 Participants, It is with great honor and pleasure that I take this opportunity to welcome you in the 20th IOI.

I thank our OC, sponsors and all the people who helped us during the whole past year in preparation for this event. I welcome our contestants from around the

world representing the 5 continents, indeed from 78 countries, for making the commitment to participate in this olympiad that will hopefully help shape their future.

It is my pleasure to have such a distinguished group of computer skilled and talented youth in our attendance as we reward and evaluate their special skills with hearts full of hope that they will shape the future of computer science.

Finally, I hope that fair competition will instil in our contestants determination to act according to conscience and principles.

surprises for you in the next seven days. We will make sure to make record of your participation and feature it in this daily bulletin.

As always, the IOI is a chance for you to make friendships, exchange information, gain knowledge, and learn from each other. Truly, you are all young ambassadors of your countries, and it's always an opportunity to see you at work, have fun and spend some happy times together in a healthy competitive atmosphere.

We hope your short sojourn with us will be full of memories you will cherish for life.

Contestants

07:00 - 09:00

Breakfast

09:00 - 11:00

Practice Session

11:00 - 13:00

Official Opening

Ceremony

13:00 - 14:00

Free Time

14:00 15:00

Lunch

15:00 - 22:00

Golf El Solaimania

Park & Dinner

Leaders

07:00 - 15:00

As Contestant Schedule

15:00 - 16:00

GA Meeting

16:00 - 18:00

Free Time

18:00 - 21:00

GA Meeting (Tasks)

21:00 - 22:00

Dinner

22:00 - 03:00

Tasks Translation

Guests

07:00 - 09:00

Breakfast

09:00 - 11:00 Activities

11:00 - 13:00

Official Opening

Ceremony

13:00 - 14:00

Free Time

14:00 - 15:00

Lunch

15:00 - 22:00

Golf El Solimania

Park & Dinner

TENTION

Practice Session will start at 9:00 and the Official Opening Ceremony will start at 11:00

Muhammad ibn Musa al-Khwarizmi

Al-Khwarizmi was a Persian mathematician, astronomer, astrologer and geographer. He was born around 780 in Khwarizm, then part of the Persian Empire (now Khiva, Uzbekistan) and died around 850. He worked most of his life as a scholar in the House of Wisdom in Baghdad.

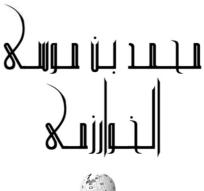
His Algebra was the first book on the systematic solution of linear and quadratic equations. Consequently he is considered to be the father of algebra, a title he shares with Diophantus. Latin translations of his Arithmetic, on the Indian numerals, introduced the decimal positional number system to the Western world in the 12th century. He revised and updated Ptolemy's Geography as well as writing several works on astronomy and astrology.

His contributions not only made a great impact on mathematics, but on language as well. The word algebra is derived from al-jabr, one of the two operations used to solve quadratic equations, as described in his book.

The words algorism and algorithm stem from Algoritmi, the Latinization of his name. (In Finnish the term for algorithm is just that, "algoritmi".) His name is also the origin of the Spanish word guarismo and of the Portuguese word algarismo, both meaning digit.

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Meet The Volunteers



Feeling @ home



I-MAX Show



First IC Meeting in the IOI 2008



The fun begins ...



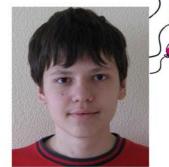
Welcome Mexicans



Nayana Somaratna Sri Lanka



Robert Ketteringham South Africa



Akim Kumok Russia

Site Rules



ID must be worn at all times throughout the competition days 16-23 August



It is advisable for all contestants to follow the schedule of the Olympiad. Opportunities for external activities and excursions will take place according to the pre-organized schedule. For guests and observers limousine service is available



IOI 2008 T-shirts must be worn during the opening ceremony and evame ceremony and exams



For queries and general information, kindly refer to the Info Desk located on first floor at the Accommodation Building (A)



Contact information for doctors and medical center: (+2) 0101538341 or 0105056042 or 0123128320



The Mubarak City for Education is a smoke-free zone; kindly consider



Kindly use assigned bus for your team



Cairo weather in August?! Pretty predictable, the temperature for the week will be in the range of 38° C | 23° C, 100° F | 73° F

Arabic Αραβικά阿拉伯語 Arabiska Arabe아랍어 Arabisch வ

Thank you Shokran

Good morning

Sabah El Khair

Good evening Mesaa El Khair مساء الخبر



Problem number 49 from the Rhind Mathematical **Papyrus** dated back to 1552 BC (Pharaonic middle kingdom). The problem addresses the calculation of an area of a rectangular land given by multiplying the base by the height.

Problem number 51 from the Rhind Mathematical **Papyrus** dated back to 1552 BC (Pharaonic middle kingdom). The problem addresses the calculation of an area of a triangular land given by multiplying half the base by the height.

Problem number 52 from the Rhind Mathematical Papyrus dated back to 1552 BC (Pharaonic middle kingdom). The problem addresses the calculation of an area of a truncated triangular land given by multiplying the average base by the height.

Provided by The Center for Documentation of Cultural & Natural