In The Name of God

The Contest

The ACM International Collegiate Programming Contest (ACM/ICPC) is the largest programming contest among university and college students in the world. This contest was initiated 26 years ago by ACM and seeks to engage academics and the information technology industry in shining the spotlight on the next generation of computing professionals and scholars, and to encourage the development of and to recognize excellent team work, programming skills, and problem-solving talent.

ACM (Association for Computing Machinery), funded in 1947, is the world's first educational and scientific computing society

The contest is a two-tiered competition among teams of students representing institutions of higher education. Teams first compete in the regional contests held around the world from September to November each year. The winning team from each regional contest advances to the ACM/ICPC World Finals, normally held the following March to mid-April. Additional high-ranking teams may be invited to the World Finals as wild card teams.

Last year 2700 teams from 1079 universities of 70 countries participated in the regional contests around the world. 64 teams from 22 countries advanced to the World Finals in Honolulu, Hawaii, U.S.A, among which 14 teams were from Asian countries.

94 teams participated in Tehran contest last year and two teams from Sharif University of Technology (SUT) and Amir Kabir University of Technology advanced to the 2002 World Finals. The team from SUT ranked 18th overall, the AKU team could not participate because of U.S. visa rejection.

Tehran Site

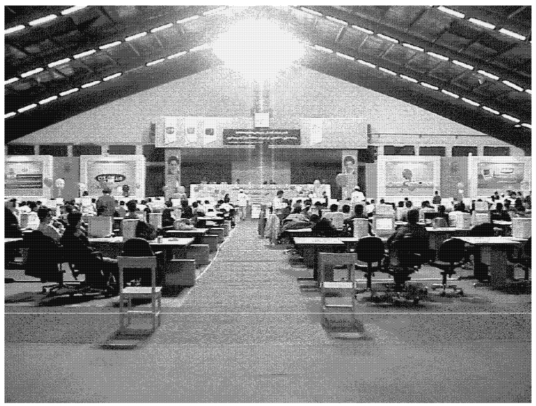
For the fourth year in a row, Sharif University of Technology will be hosting the ACM/ICPC regional contest as one of the 0 sites in Asia. Other sites are Beijing in China, Dhaka in Bangladeh, Kanazawa in Japan, Kaohsiung in Taiwan, Kanpur in India, Manila in Philipine, Taejon in Korea, Xi'an in China.

The Tehran contest is scheduled to be held in SUT during Thursday October 31st and Friday Nov 1, 2002 (Aban 9-10, 1381). We are hosting about 65 teams of university students from Iran and countries in the west of Asia and the Middle East.

The winning teams of Tehran contest will automatically advance to the 27th ACM/ICPC world finals to be held in Hollywood, USA, in March 2003. ACM and IBM will bear part of the travelling expenses (up to US$4000) for each advancing team.

Computing Environment

Each team will use a single workstation with environment similar to the Word Finals. Delphi and C++ are the available programming languages. The details of the programming environment will be available in the contest website.



Summary of Rules and Judging

- Each team consists of up to three contestants. Each contestant must be a student enrolled in a university. At most one contestant of each team may hold a B.S. degree.
- Each team can participate in at most two regional contests in any Asian site each year.
- Only one team from a given institution may advance to the World Finals.
- A special prize will be awarded to the best all-girl team and a slot in the World Finals may be given to best such team in Asia. But only one team from each university can be present in the final.
- Contestants may bring resource materials such as books, manuals, and program listings. Contestants may not bring any machine-readable versions of software or data.
- Eight problems will be posed in English to be solved in 5 hours.
- Each submitted solution to a problem is judged as accepted or rejected by a judge, and the team is notified of the results online.
- Teams are ranked according to the most problems solved. Teams with the same number of solved problems are ranked by the least total time. The total time is the sum of the time consumed for each solved problem. This is the time elapsed from the beginning of the contest to the submittal of the accepted run plus 20 penalty minutes for every rejected run for that problem regardless of submittal time.

Problem Selection

The scientific committee is responsible for preparing the contest problems which are selected from those proposed by its member and received from the participating teams. All universities are asked to contribute to this important task. A call for problem proposal will be sent out.

So far as possible, the problems will avoid dependence on detailed knowledge of a particular application area or programming language.

Contact

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Email: acmicpc@sharif.ac.ir,
Homepage: http://sharif.ac.ir/~acmicpc

More information can be found from the ACM main site at `http://www.baylor.edu/acmicpc`.

Main Supporter

Isiran Company

Other Supporters

Ministry of Science, Research, and Technology,
Iran High Council of Informatics,
Iran Telecommunication Research Center,
Ministry of Telecommunications,
Tehran Municipality

Registration Fees

Each Iranian team is asked to pay 450,000 Rials as the registration fee that covers Tshirts, lunch and dinner, refreshments, and gifts. There is no registration fee for foreign teams.
Local registration fees should be paid to account #: 727.65, Bank Markazi Iran, in the name of the Sharif University of Technology.

Foreign Teams

Most foreign teams need visas for entering into Iran. These teams should prepare well in advance and send us all visa correspondence by Oct. 1.

Travel Fund

Each foreign team is paid some travel fund of at least $200.00 by the ACM.

Accommodations

There is no accommodation available in the university at the time of contest. Iranian teams should take care of their own accommodations. We can help them with hotel reservations, if needed. We will make hotel reservations for foreign teams.

Steering Committee

Honorary Chair:
Prof. Saeed Sohrabpour, Chancellor,
Sharif University of Technology

Asia Region Director:
Prof. C. J. Hwang, Computer Science dept.,
South West Texas State University, USA

Tehran Site Director:
Dr. Mohammad Ghodsi

Scientific Committee:
Dr. Ruzbeh Tusserkani, Chair
Mr. Ramtin Khosravi, Chief Judge
Dr. Mohammad Ghodsi,
Dr. Hayede Ahrabian,
Mr. Ghassem JaberiPur,
Mr. Bahman Pourvatan,
Mr. Farshad Rostamabadi,
Mr. Bashir Sajjad,
Mr. Ehsan ChiniForooshan,
Mr. Mohammad Ali Abam,
Mr. Hamid ZarrabiZadeh

System:
Mr. Kamran Bavar

Executive Director:
Mr. Hooshangnia

Public Relations and Publications:
Mr. Hashem Habibi, Chair,
Mrs. Faridokht Shafiezadeh

Office:
Mrs. Faridokht Shafiezadeh

Registration Steps

1. Register your teams as early as possible at site: `http://icpc.baylor.edu/icpc`. Follow the registration link. The names of the team members can be finalized later.
2. Send (or fax) the receipt of registration fee payment (this must be received by the deadline).
3. By the deadline, send us an official letter from your university officials containing the names of the participating team members.
4. Finalize your online registration (names, addresses, etc.) by the mentioned deadline.

Limits on the Number of Teams

Due to the limitation on our contest space, the following restrictions are applied on the number of participating teams from Iran. Each Iranian university that had a team who solved at least 3 problems in one of the previous three regional contests, can send at most three teams. Those who solved at most 2 problems, can send at most 2 teams. Others can only send one team.

Deadlines

Oct 12 (Mehr 20): Deadline for registration of local teams at the ACM/ICPC office. All documents must be received by this date. Online registration will be closed after this deadline.

October 1: Participation confirmation for foreign teams.

acm International Collegiate Programming Contest

IBM event sponsor

Asia Region, Tehran Site

Computer Engineering Department
Sharif University of Technology
Tehran, Iran

October 31 and November 1 2002
(Aban 9-10, 1381)