Algo*Mania
Fact Sheet

*Algo*Mania* is proud to be part of the National Infocomm Competition (NIC) under the Secondary School, Junior College and Poly/ITE Circuits.

Synopsis of Competition

The *Algo*Mania* challenge is held in conjunction with the 32nd ACM ICPC† Regional Contest in Singapore this year.

Modeled after the ACM ICPC, *Algo*Mania* is a team-based algorithmic problem solving and programming competition. Each team, comprising 3 members, is given a computer to solve a number of algorithmic tasks in three hours, programming in C/C++ or Java. There will be six or more algorithmic tasks given out. Programs submitted are judged by their correctness and efficiency.

Target Audience

This challenge is open to all circuits: secondary schools, junior colleges and polytechnics/ITE. Each school may register one team.

Scoring system

The judging system is automated. Every task (problem) contains a number of test data sets. Each submitted program is run by the judging system, and its output compared with the correct answer. A submission that passes all the test data sets is accepted, and scores are awarded according to the time of submission. A submission that fails any of the test data sets is rejected, and the team may continue to work on the task and re-submit their solution.

Prizes

Prizes will be awarded to the top three teams in each of the three categories: secondary schools, junior colleges, and polytechnics/ITE.

Rules and regulations

- *Algo*Mania* is open to all current secondary school, junior college, polytechnic and ITE students.
- Each school may register at most one team, which comprises three students.
- Registration deadline is on 7 September 2007.
- The contest is held on 14 December 2007, in conjunction with the 32nd ACM ICPC Regional Contest in Singapore.

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† The International Collegiate Programming Contest (ICPC) by the Association of Computing Machinery (ACM) is a well-known annual programming contest for university students all over the world. The ACM-ICPC is into its 32nd year. 6099 teams from 1756 universities world-wide participated in the recent ACM-ICPC. The website is at http://icpc.baylor.edu/icpc/

- For details, please refer to http://www.comp.nus.edu.sg/AlgoMania

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About the National Infocomm Competition

The National Infocomm Competition is a multi-themed inter-school challenge created to uncover top infocomm talent in Singapore. Divided into three circuits - secondary schools, junior colleges and ITE/polytechnics – the competition will encompass challenges focused on areas such as business IT, digital media, mobile technology, security & networking and more. For more information, visit talent.singaporeinfocomm.sg. The National Infocomm Competition is organised by the Infocomm Development Authority of Singapore, universities, polytechnics, ITE, Singapore Computer Society, Singapore Institute of Management and Singapore Science Centre.