

## THE 22<sup>nd</sup> ACM INTERNATIONAL COMPUTER CHESS CHAMPIONSHIP

Albuquerque, New Mexico  
November 17-20, 1991

The ACM/IEEE Computer Society's Supercomputing Conference scheduled for Albuquerque, New Mexico will host the 22<sup>nd</sup> ACM International Computer Chess Championship. The championship will be a five-round Swiss-style event with two rounds on Sunday, November 17<sup>th</sup>, one on Monday, November 18<sup>th</sup>, one on Tuesday, November 19<sup>th</sup>, and the final round on Wednesday, November 20<sup>th</sup>. Each game will be played at a rate of 40 moves per side for the first two hours and then 20 moves per side for each subsequent hour. A total of \$ 8000 in prizes will be awarded.

Last year's championship in New York finished in a tie for first place. Deep Thought, initially developed at Carnegie-Mellon University by a team of graduate students headed by Feng-hsiung Hsu, won four points as did Mephisto, developed by Richard Lang for the German company Hegener & Glaser A.G. Deep Thought is currently under continued development at IBM In Yorktown Heights under Hsu's direction. Efforts to develop a multiprocessing version are the focus of their attention. Both programs are playing at the grandmaster level.

In addition to the tournament, a special program for high-school students will be held on Tuesday, November 19<sup>th</sup> from 4:00-6:00 PM. The students will be able to try their luck with the best programs and discuss the programs with the authors. Plans for other activities are under consideration. A technical session in which papers are presented on advancements in computer chess will be held on Wednesday, November 20<sup>th</sup> at 3:30-5:00 PM. Tony Marsland will chair the session.

Mike Valvo will serve as Tournament Director. He is one of America's top blindfold chess players. Ken Thompson will head the Entries Committee.

For more information or to apply, please write or call: Monty Newborn, School of Computer Science, 3480 University Street, McGill University, Montreal, Quebec, Canada, H3A 2A7 (Tele: 514-398-7079).

### Important Times and Places

#### 1. Schedule of Rounds

Round 1:	1:00 PM	Sunday	November 17
Round 2:	7:30 PM	Sunday	November 17
Round 3:	7:30 PM	Monday	November 18
Round 4:	7:30 PM	Tuesday	November 19
Round 5:	7:30 PM	Wednesday	November 20

2. Special Program for High-School Students: Tuesday November 19, 4:00-6:00 PM. (A Turing machine competition in which the audience guesses who is playing behind a wall. Other possibilities are being looked into as well.)
3. ICCA Meeting: Monday November 12, 6:00-7:00 PM. Place TBA.
4. ACM Computer Chess Committee Meeting: Tuesday November 19, 12:00-12:45 PM.
5. Presentation of Technical Papers, Wednesday November 20, 3:30-5:00 PM. Chair: Tony Marsland.
6. Awards Presentation: Thursday November 21, 12:00 PM.

Awards:	First Place _____	\$ 4000 and Trophy
	Second Place _____	\$ 2000 and Trophy
	Third Place _____	\$ 1000 and Trophy
	Best Small Computing System _____	\$ 1000 and Trophy

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Entry Form

Name(s) of programming team: \_\_\_\_\_

Name and address for correspondence: \_\_\_\_\_

Affiliation (optional): \_\_\_\_\_

Work Telephone: \_\_\_\_\_ Home Telephone: \_\_\_\_\_

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Name of Program: \_\_\_\_\_ Language: \_\_\_\_\_

Rating: \_\_\_\_\_ Basis of rating: \_\_\_\_\_

Language of program: \_\_\_\_\_ Nodes per second: \_\_\_\_\_

Individual (and his/her address and telephone) who can recommend program (if the program has not participated in major tournaments):

\_\_\_\_\_

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Computer that will be used: \_\_\_\_\_

Location of computer: \_\_\_\_\_

Mips: \_\_\_\_\_ Memory size: \_\_\_\_\_ Word size: \_\_\_\_\_

Space required by program: \_\_\_\_\_ Hash table(s)? \_\_\_\_\_ If yes, how big: \_\_\_\_\_

Multiprocessor? \_\_\_\_\_ If yes, how many processors: \_\_\_\_\_ Special-purpose circuitry? \_\_\_\_\_

Other: \_\_\_\_\_

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You must bring your own terminal!!!!!! \_\_\_\_\_ Will you need a telephone line (Y/N) \_\_\_\_\_

Who will be in Albuquerque to serve as operator of your program? \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please return this form to: Ken Thompson, Room 2C519, Bell Labs, Murray Hill, NJ 07974, USA