

PROVISIONAL PROGRAMME ADVANCES IN COMPUTER CHESS 8

June 27-28, 1996
Maastricht, The Netherlands

The eighth conference on Advances in Computer Chess will be held under auspices of the International Computer Chess Association (ICCA) and the Max Euwe Centre (Amsterdam, The Netherlands) in Maastricht, the Netherlands, at Castle Vaeshartelt, 5 km from Maastricht centre and within the suburbs of that city

(Invited) speakers

The programme includes several prominent speakers in the computer-chess research field. The invited speakers are Turing Award winner Ken Thompson (Bell Laboratories, New Jersey, USA) and IGM David Bronstein (Minsk, Russia)

Thursday June 27, 1996

Conference Chair Professor T A Marsland

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|-------|-------|-------|-------|--|
| 8 45 | - | 9 45 | hours | Registration and Coffee/Tea |
| 9 45 | - | 10 00 | hours | <i>Welcome to a Computer-chess Minded Maastricht</i>
Welcome address by the Programme Chair Professor H J van den Herik |
| 10 00 | - | 10 15 | hours | <i>Introduction of Maastricht, the Host City</i>
<i>International Position of Maastricht and its Institutes</i>
Opening address by T J F M Bovens M Sc, the Alderman of Economical Affairs, Municipality of Maastricht |
| 10 15 | - | 11 00 | hours | <i>Topics on 6 Piece Endgames</i>
Invited Lecture by K Thompson, Bell Laboratories, USA |
| 11 00 | - | 11 30 | hours | Coffee/Tea break |
| 11 30 | - | 12 00 | hours | <i>Heuristics and Loops in KQKR</i>
S D Milner and A N Walker |
| 12 00 | - | 12 30 | hours | <i>Diminishing Returns for Additional Search in Chess</i>
A Junghanns, J Schaeffer, M Brockington, Y Bjornsson and T Marsland |
| 12 30 | - | 13 00 | hours | <i>APHID Game-Tree Search</i>
M G Brockington and J Schaeffer |
| 13 00 | - | 14 15 | hours | Lunch break |
| 14 15 | - | 14 45 | hours | <i>A Metric for Evaluation Functions</i>
P Myśliwicz |
| 14 45 | - | 15 15 | hours | <i>On Learning How to Play</i>
E F Morales |
| 15 15 | - | 15 45 | hours | <i>The Creation of Tsume-Shogi Problems by a Retrograde Method</i>
M Hirose, H Matsubara and T Itoh |
| 15 45 | - | 16 15 | hours | Coffee/Tea break |
| 16 15 | - | 16 45 | hours | <i>Application of Fuzzy Logic and Case-Based Reasoning to the Generation of High-level Advice in Chess</i>
S G Lazzeri and R Heller |
| 16 45 | - | 17 15 | hours | <i>Constraints for Solving Helpmates</i>
R Staudte |
| 17 15 | - | 18 15 | hours | Demonstration game IGM D Bronstein - M-Chess Pro
(Hirsch Programme, Necchi Book) |
| 20 00 | hours | | | Conference dinner |

Friday June 28, 1996

Conference Chair: Professor H.J. van den Herik

- 9.00 - 9.30 hours *New Advances in Adaptive Pattern-Oriented Chess*
J. Allen, E. Hamilton and R. Levinson
- 9.30 - 10.00 hours *SSS†*
A. de Bruin and W. Pijls
- 10.00 - 10.30 hours *Parallel Controlled Conspiracy-Number Search*
U. Lorenz and V. Rottmann
- 10.30 - 11.00 hours Coffee/Tea break
- 11.00 - 11.30 hours *Fail-High Reductions*
R. Feldmann
- 11.30 - 12.15 hours *My Experiences with Computers*
Invited lecture by IGM D. Bronstein, Minsk, Russia
- 12.15 - 13.30 hours Lunch break
- 13.30 - 14.00 hours *Gains and Risks of OM Search*
H. Iida, I. Kotani, J.W.H.M. Uiterwijk and H.J. van den Herik
- 14.00 - 14.30 hours *Searching with Uncertainty Cut-offs*
Y Bjornsson, T. Marsland, J. Schaeffer and A. Junghanns
- 14.30 - 15.00 hours Coffee/Tea break
- 15.00 - 15.30 hours *Information in Transposition Tables*
D.M Breuker, J.W.H.M. Uiterwijk, and H.J. van den Herik
- 15.30 - 16.00 hours *Decision Making under Uncertainty A Rational Approach to Kriegspiel*
P. Ciancarini, F. Dalla Libera, and F. Maran
- 16.00 hours *Looking Back and Ahead*
Closing address by Professor Van den Herik

Sponsors

The conference is being sponsored by EuroChess Zentrale, Paardekooper & Hoffmann, Max Euwe Centre, Municipality of Maastricht, Foundation Scientific Research Limburg (SWOL), SION, AEGON, University of Limburg, CSVN, PTT Telecom, SNS Bank, IBM Nederland N.V., and BSO Origin.

Information

For more information and a copy of the registration form please contact: Tons van den Bosch, University of Limburg, Department of Computer Science, P.O. Box 616, 6200 MD Maastricht, The Netherlands, fax +31 43 3252392, e-mail: bosch@cs.rulimburg.nl.

CALENDAR OF COMPUTER-GAMES EVENTS 1996**June 27-28, 1996**

The eighth conference of the Advances in Computer Chess, to be held in Maastricht, The Netherlands. For details see this issue pp. 141-142.

August 23-30, 1996

Uniform Platform Computer-Chess Tournament, to be held at the Queen Mary and Westfield College. Details from Don Beal, Queen Mary and Westfield College, Mile End Road London, E1 4NS, UK. Email: don@dcs.qmw.ac.uk.

October 9-16, 1996

The 1996 World Micro Computer Chess Championship to be held in Jakarta, Indonesia. For details see pp. 136-140 in this issue.