

THE 1995 ICCA JOURNAL AWARD

The Board of ICCA

The Board of ICCA is happy to announce the winner of the 1995 ICCA Journal Award for the best paper in this Journal by a first-time author. For the period April 1994 to March 1995, covering the issues Vol. 17, No. 2 up to and including Vol. 18, No. 1, this award has, on the recommendation of the ICCA Journal Board members, been granted to Bradley Kuszmaul for his article: "The StarTech Massively-Parallel Chess Program", *ICCA Journal*, Vol. 18, No. 1, pp. 3-19. Bradley Kuszmaul is entitled to three Volumes of his choice of the Journal's back issues. A brief scientific biography of the winner, an intrinsic part of the Award, is published below.

BRADLEY KUSZMAUL: A SCIENTIFIC BIOGRAPHY

Bradley C. Kuszmaul received two S.B. degrees in 1984, an S.M. degree in 1986, and a Ph.D. degree in 1994, all from MIT. In 1987, midway through his Ph.D. program, he took a year off from MIT to serve as one of the principal architects of the Connection Machine, CM-5, at Thinking Machines Corporation. When he returned to MIT, he authored the STARTECH program, a massively parallel chess program based on Hans Berliner's HITECH. Later he helped author the *SOCRATES program which, running on the 1824-node Intel Paragon at Sandia National Laboratories, won second prize at the 1995 World Computer Chess Championship. In 1995, he joined the Departments of Computer Science and Electrical Engineering at Yale University, where he is now Assistant Professor. Prof. Kuszmaul's work to solve systems' problems in high-performance computing spans a wide range of technology, including VLSI chips, interconnection networks, operating systems, compilers, interpreters, algorithms, and applications.

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In 1992, a novel award was instituted by the ICCA, the *ICCA Journal Award*. The ICCA Journal Award is to be adjudicated to a first-time author for the best article in the *ICCA Journal*. The first ICCA Journal Award (1993) covered the articles published in the issues Vol. 15, No. 2 up to and including Vol. 16, No. 1. Peter Jansen was the first winner of the ICCA Journal Award. Peter Jansen has been granted the award for his article *KQKR: Awareness of a Fallible Opponent* as published in Vol. 15, No. 3, pp. 111-131. The winner of the second ICCA Journal Award was Christian Donninger for his article: *Null Move and Deep Search* in Vol. 16, No. 3, pp. 137-143. The third ICCA Journal Award has now been granted to Bradley Kuszmaul for his article *The StarTech Massively-Parallel Chess Program* (see also p. ??).

The fourth *ICCA Journal Award* covers the articles published in the issues Vol. 18, No. 2 up to and including Vol. 19, No. 1. The winner will receive a hand-lettered certificate to this effect and will have a choice of any three volumes of the Journal's back issues. The name of the winning author will also, of course, be published in the *ICCA Journal* with a short curriculum vitae if so desired. The judges will be computer-chess experts with proved expertise in technical writing. The winner of the fourth ICCA Journal Award will be announced in Vol. 19, No. 4.