



CALL FOR PAPERS
1996 IEEE International Conference on
Evolutionary Computation (ICEC'96)
May 20-22, 1996, Nagoya, Japan



Co-sponsored by
IEEE Neural Network Council (NNC) and Society of Instrument and Control Engineers (SICE)

Technically Co-sponsored by
Robotics Society of Japan(RSJ), Japan Society for Fuzzy Theory and Systems(SOFT)
Japan Society of Mechanical Engineers(JSME)

Topics: : Theory of evolutionary computation, Applications of evolutionary computation, Efficiency / robustness comparisons with other direct search algorithms, Parallel computer implementations, Artificial life and biologically inspired evolutionary computation, Evolutionary algorithms for computational intelligence, Comparisons between different variants of evolutionary algorithms, Machine learning applications, Genetic algorithm and self-organization, Evolutionary computation for neural networks, Fuzzy logic in evolutionary algorithms

Submission Procedure: : Prospective authors are invited to submit papers related to the listed topics for oral or poster presentation. Five(5) copies of the paper must be submitted for review. Papers should be printed on letter size white paper, written in English in two-column format in Times or similar font style, 10 points or larger with 2.5 cm margins on all four sides. A length of four pages is encouraged, and a limit of six pages, including figures, tables and references will be enforced. Centered at the top of the first page should be the complete title of the paper and the name(s), affiliation(s) and address(es) of the author(s). All papers (except those submitted for special sessions - which may have different deadlines - see information on special sessions below) should be sent to:

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Important Dates:

Proposal for tutorial/exhibits	:November 15, 1995
Submission of Papers (except for special sessions)	:December 20, 1995
Notification of acceptance	:February 20, 1996
Submission of camera-ready papers	:April 10, 1996

Special Sessions:

"Constrained Optimization, Constraint Satisfaction and EC" organized by Gusz Eiben, chair (Utrecht University)
"Evolutionary Artificial Neural Networks" organized by X. Yao (The University of New South Wales)
"Evolutionary Robotics and Automation" organized by J. Xiao (University of North Carolina)
"Genetic Programming" organized by John R. Koza (Stanford University)
"Self-adaptation in Evolutionary Algorithms" organized by Guenter Rudolph (ICD Informatik Centrum Dortmund e.V.)
"Evolutionary Algorithms and Fuzzy Systems" organized by Witold Pedrycz (University of Manitoba)
"Be Darwinian: Make Your Evolutionary-Based Optimization Algorithm Compete with All Others" organized by Hugues Bersini (Universite Libre de Bruxelles)
"Non-Darwinian Evolutionary Algorithms" organized by Qiangfu Zhao (University of Aizu)

Submission to Special Sessions:

Four (4) copies of complete papers (6 pages maximum) should be submitted to each session organizer.

Important Dates for Special Sessions:

Submission of Papers for special sessions	:December 15, 1995
Notification of acceptance	:February 15, 1996
Submission of camera-ready papers	:April 10, 1996

The deadline for proposals for organizing other special sessions during the 3rd IEEE ICEC '96 is August 20, 1995; submit your proposal to any Program Co-Chair.

Program Co-Chairs:

Zbigniew Michalewicz (University of North Carolina) zbyszek@uncc.edu	Thomas Baack (University of Dortmund) baack@lumpi.informatik.unidortmund.de	Hiroaki Kitano (Sony Computer Science Laboratory) kitano@csl.sony.co.jp
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General Chair

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ICEC'96 will be organized in conjunction with the conference of Artificial Life (May 16-18, 1996, Kyoto, JAPAN)