

# GA-List and EC-Related Activities

GA-List is a moderated electronic digest for the interchange of information relating to genetic algorithms and evolutionary computation.

Readers submit articles on research issues, recent results, notices of new technical reports, workshop announcements, and calls for papers. The submissions are put into digest form and sent to subscribers approximately once a week. There are currently more than 1800 subscribers around the world.

In addition to the moderated list, an ftp archive site is maintained with back issues of GA-List and other useful information, including source code for genetic algorithm and other evolutionary algorithm packages.

To subscribe to GA-List, send an e-mail message requesting to be added to: GA-List-request@aic.nrl.navy.mil. Submissions of articles to the list can be sent to: GA-List@aic.nrl.navy.mil. The ftp site can be accessed using anonymous ftp to: ftp.aic.nrl.navy.mil. Use a username of "anonymous" and use your own address as your password.

The GA-List digest includes a calendar of recent and upcoming EC-related events. The following listing of events is excerpted from a recent issue of GA-List.

## 5 - 7 April, 1993

### **European Conference on Machine Learning, Vienna.**

ECML-93 will continue with the tradition of earlier EWSLs (European Working Session on Learning) and provide a platform for presenting the latest results in the area of machine learning.

For additional information:

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## 13 - 16 April, 1993

### **International Conference on Neural Networks and Genetic Algorithms, Innsbruck.**

Neural Networks and Genetic Algorithms are two areas of emerging technology that have considerable synergy. Independently or in conjunction, they have already produced many useful and interesting applications. This conference has two purposes: to bring together established workers in both fields, and also to provide an opportunity for those wishing to gain understanding and experience in these areas.

For more information:

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## 24 - 26 May, 1993

### **Second European Conference on Artificial Life. Self-Organization and Life: From Simple Rules to Global Complexity, Brussels.**

Natural and artificial systems governed by simple rules exhibit self-organization leading to autonomy, self-adaptation and evolution. While these phenomena interest an increasing number of scientists, much remains to be done to encourage the cross-fertilization of ideas and techniques. The aim of this conference is to bring together scientists from different fields in the search for common rules and algorithms underlying different systems.

For more information:

Centre for Non-Linear Phenomena and Complex Systems, Université Libre de Bruxelles, CP 231, 1050 Brussels, Belgium.

Fax: 32-2-6505767

Phone: 32-2-6505776; 32-2-6505796

E-mail: sgross@ulb.ac.be

## 24 - 27 May, 1993

### **Ninth International Conference on Control Systems and Computer Science, Bucharest.**

A special session on Genetic Algorithms and their applications to control systems and other industrial areas of computer science is being planned. The main objective of the proposed GA session is to provide a forum for coupling industrial problems and solutions offered by genetic algorithms.

For more information:

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**25 - 27 May, 1993**

**ANN93, IEEE International Conference on  
Artificial Neural Nets, Brighton, England.**  
No additional information has been received

**17 - 21 July, 1993**

**Fifth International Conference on Genetic  
Algorithms, University of Illinois at  
Urbana-Champaign.**

For more information, see the Call for  
Participation in this issue (see following page).

**26 - 28 July, 1993**

**Sixth ACM Conference on Computational  
Learning Theory, University of California at  
Santa Cruz.**

Papers will be presented in areas that relate to  
the analysis of learning algorithms and the  
theory of machine learning, including artificial  
and biological neural networks, robotics, pattern  
recognition, inductive inference, information  
theory, decision theory, Bayesian/MDL  
estimation, and cryptography. As part of the  
program, we are pleased to present two invited  
talks, one by John Grefenstette on genetic  
algorithms, and one by Geoffrey Hinton on  
neural networks.

For more information:

David Helmbold  
(UC Santa Cruz, e-mail to colt93@cse.ucsc.edu).

**29 August, 1993**

**Machine Learning and Knowledge  
Acquisition: Common Issues, Contrasting  
Methods, and Integrated Approaches,  
Chambéry, France.**

Machine learning and knowledge acquisition  
share the common goal of acquiring and  
organizing the knowledge of a knowledge-based  
system. The purpose of this symposium is to  
bring together machine learning and knowledge  
acquisition researchers in order to facilitate  
cross-fertilization and collaboration, and to  
promote integrated approaches that could take  
advantage of the complementary nature of  
machine learning and knowledge acquisition.

For more information:

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**25 - 30 June, 1994**

**International Symposium on Evolutionary  
Computation, Orlando, Florida.**

The symposium will be part of the World  
Congress on Computational Intelligence, which  
will also include the International Conference on  
Neural Networks, FUZZ IEEE '94 (fuzzy  
Logic), and the 1994 Virtual Reality Annual  
International Symposium (VRAIS).

For more information:

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