

12-16 July 2003
Saturday-Wednesday
Chicago, Illinois USA



Registration Form

All registrants receive five printed volumes: Conference Proceedings, Tutorial Notes, Workshops, Late-Breaking Papers, and Proceedings of the Evolutionary Computing in Industry track; admission to all workshops on Saturday July 12; admission to a tutorial in each of the four timeslots on Sunday July 13; all technical sessions Monday-Wednesday July 14-16; free refreshments; and one admission each to the opening reception on July 12 and to the poster reception.

You can also join now the International Society for Genetic and Evolutionary Computation, which entitles you to substantial savings on the registration fee and free subscriptions to two journals: *Evolutionary Computation* and *Genetic Programming and Evolvable Machines*. The journal subscriptions are effective January 1, 2004. If you already subscribe to these journals, your subscription will be renewed for 2004 with your membership fees. Note that you can join ISGEC without attending GECCO, and vice versa.

Please complete the two pages of this form and fax to 1-650-321-4457 (if paying by credit card) or mail to:

GECCO-2003 c/o American Association for Artificial Intelligence
445 Burgess Drive, Menlo Park, CA 94025 USA

Personal Information

Name: _____

Affiliation: _____

Address: _____

City: _____ State/Prov.: _____ Post/Zip Code: _____ Country: _____

Daytime Phone: _____ E-mail Address: _____

Registration Options

ISGEC Membership

	Cost (US Dollars)	Is this a renewal? (yes/no)
Regular	\$120	
Student (with valid ID)	\$50	

GECCO Registration

ISGEC or AAAI Members	Early (on or before April 20)	Regular (April 21- June 20)	Late (June 21 or later)
Student	\$250	\$310	\$375
Academic or non-profit	\$470	\$530	\$595
Other	\$655	\$720	\$780
Non-members			
Student	\$350	\$410	\$475
Academic or non-profit	\$570	\$630	\$695
Other	\$755	\$820	\$880

You can pay the member rates by joining ISGEC now. You then receive two journals for one year for a total added cost of only \$20. Students must send legible proof of student status. A limited number of student travel grants are available – to apply, see the GECCO web pages (www.isgrec.org/GECCO-2003).

Amount of payment US\$

check or money order payable to "AAAI" in US funds Mastercard Visa American Express

Credit Card Number _____

Expiration Date _____ Name on Card _____ Signature _____

No refunds will be made, but we will transfer your registration to a person you designate upon notification.

Workshops. Saturday, 12 July, 2003

All GECCO registrants will receive the WORKSHOPS book, containing material supplied by participants of ALL workshops.

Check off which workshops you wish to attend.

Full Day Workshops

- Graduate Student Workshop
- International Workshop on Learning Classifier Systems (IWLCS)
- Learning, Adaptation, and Approximation in Evolutionary Computation
- Workshop on Memetic Algorithms 2003 (WOMA-IV)

Morning Workshops (8:30 AM – 12:30PM)

- Evolutionary Algorithms for Dynamic Optimization Problems
- Analysis and Design of Representations and Operators (ADoRo)
- Interactive Evolutionary Search and Exploration Systems
- Biological Applications for Genetic and Evolutionary Computation (BioGEC)
- Evolvable Hardware

Afternoon Workshops (2:00 AM – 6:00PM)

- Application of Hybrid Evolutionary Algorithms to NP-complete Problems
- Challenges in Real World Optimisation Using Evolutionary Computing
- Grammatical Evolution Workshop (GEWS)
- Undergraduate Student Workshop

Tutorials. Sunday 13 July 2003

All GECCO registrants will receive the TUTORIALS book, containing notes supplied by instructors of ALL tutorials. Check one tutorial to attend from each of the 4 timeslots.

8:30 AM – 10:15 AM

- Introduction to Genetic Programming, John Koza
- Introduction to Genetics, Annie S. Wu
- Genetic Programming Theory I, William Langdon, Riccardo Poli
- Bioinformatics with Evolutionary Computation, Daniel Howard
- Testing & Evaluating Evolutionary Computation Algorithms, Darrell Whitley
- The Design of Innovation: Lessons from and for Competent Genetic Algorithms, David E. Goldberg
- Evolvable Hardware, Didier Keymeulen
- Representations for Evolutionary Algorithms, Franz Rothlauf

10:35 AM – 12:20 PM

- Introduction to Genetic Algorithms, Robert Heckendorn
- Introduction to Parallel Genetic Algorithms, Erick Cantú-Paz
- Genetic Programming Theory II, Riccardo Poli, William Langdon
- Software Testing via Evolutionary Computation, Joachim Wegener, Mark Harman
- Industrial Applications of Evolvable Hardware, Tetsuya Higuchi
- Evolutionary Robotics: History, Methods, and New Trends, Dario Floreano
- Using Appropriate Statistics, Steffen Christensen
- Multiobjective Optimization with Evolutionary Computation, Carlos Coello

1:50 PM – 3:35 PM

- Introduction to Evolution Strategies, Hans-Georg Beyer
- Introduction to Immune System Computing, Stephanie Forrest
- Mathematical Theory of Evolutionary Computation, Michael Vose
- Bionics: Building on Biological Evolution, Ingo Rechenberg
- Making a Living with Evolutionary Computation, Yuval Davidor
- Evolving Neural Network Ensembles, Xin Yao
- Anticipatory Classifier Systems, Wolfgang Stolzman
- Quantum Computing for Genetic Programmers, Lee Spector

3:55 PM – 5:40 PM

- Introduction to Learning Classifier Systems, Stewart Wilson
- Introduction to Ant Colony Optimization, Martin Middendorf
- Introduction to Data Mining and Machine Learning, Hillol Kargupta
- Neutral Evolution in Evolutionary Computation, Tina Yu
- A Unified Approach to Evolutionary Computation, Ken DeJong
- Computational Complexity and Evolutionary Computation, Ingo Wegener
- Grammatical Evolution, Conor Ryan, Michael O'Neill
- Visualization in Evolutionary Computation, Christian Jacob