

**International Workshop on  
The Mathematics and Algorithms of Social Insects  
[www.insects.gatech.edu](http://www.insects.gatech.edu)**

**Deadline:** Extended abstracts due 15 June 2003. If you only wish to be considered for a poster session, and not a full paper, please specify this clearly in your extended abstract. Full-length (up to 10 pages) camera-ready versions of accepted papers will be due in September.

**Location:** Atlanta, Georgia, USA; December 15-17, 2003.

**Program Chairs:** Tucker Balch and Carl Anderson

**Workshop Overview:** We hope to attract biologists, mathematicians, engineers, and computer scientists to share ideas about mathematical and algorithmic models of social insect behavior. The objective is a cross-flow of ideas: 1) How can mathematical and algorithmic models of insect behavior inspire solutions to problems in computing, planning, and logistics? And 2) How can methodologies and techniques from computing and engineering be applied to the problem of building such models in the first place?

**Keynote Speakers:**

Ronald Arkin, Georgia Tech, USA  
Eric Bonabeau, Icosystem, USA & FR  
Guy Theraulaz, Universite Paul Sabatier, FR

**Abstract Submission:** Abstracts should be 500-1000 words in PDF format only. Email abstracts as attachments to [carl@isye.gatech.edu](mailto:carl@isye.gatech.edu) and [tucker@cc.gatech.edu](mailto:tucker@cc.gatech.edu) with the subject line "insects abstract submission." If you only wish to be considered for a poster session, and not a full paper, please specify this clearly in your extended abstract. Full-length (up to 10 pages) camera-ready versions of accepted papers will be due in September 2003.

**Journal Special Issue:** Presenters of the best research at this workshop will be invited to submit articles for a special issue of Adaptive Behavior. We are aiming to publish 8-10 papers of 10-15 pages in length. There will be an additional peer-review phase for the nominated papers.

**Funding:** We have applied for an NSF grant to support travel and registration. More information will be forthcoming.

**Program Committee:**

Ronald Arkin, Georgia Tech, USA  
John Bartholdi, Georgia Tech, USA  
Randy Beer, Case Western Reserve University, USA  
Eric Bonabeau, Icosystem, USA & FR  
Iain Couzin, Princeton University, USA  
Frank Dellaert, Georgia Tech, USA  
Jean-Louis Deneubourg, Universite Libre de Bruxelles, BE  
Marco Dorigo, Universite Libre de Bruxelles, BE  
Nigel Franks, University of Bristol, UK  
Deborah Gordon, Stanford University, USA  
Sven Koenig, Georgia Tech, USA  
Francis Ratnieks, Sheffield University, UK  
Ana Sendova Franks, University of the West of England, UK  
Steve Smith, Carnegie Mellon University, USA  
David Sumpter, Oxford, UK  
Guy Theraulaz, Universite Paul Sabatier, FR  
Craig Tovey, Georgia Tech, USA

**Registration:** The advance registration fee is \$250, with a special \$200 rate for full-time students. On-site registration will be \$275 (\$225 for students). The registration fee includes: printed proceedings, workshop reception, lunches, workshop banquet, and food and coffee at breaks during the workshop.



**Location:** The workshop will be held on the Georgia Tech campus in the Technology Square Research Building (image above). The TSRB is located at the intersection of 5<sup>th</sup> Street and Spring St. in Midtown Atlanta.



**Lodging:**

**The Georgian Terrace:** The official workshop hotel is *The Georgian Terrace* on Peachtree Street (above). The hotel is walking distance from the workshop location (about 5 blocks). The nightly rate is \$119+tax, a great rate for the class of hotel. A block of rooms will be held at the Georgian Terrace until November 15. Ask for the “insects workshop” rate.

**Regency Suites:** For those wishing to save on accommodation costs, we have also reserved a block or rooms at the nearby Regency Suites. The nightly rate is \$75+tax, and includes breakfast (daily) and dinner (Mon-Fri). The hotel is about 6 blocks from the conference venue.

Both hotels are extremely easy to travel to from Atlanta’s Hartsfield airport.

**Additional Information:** including local maps, hotel addresses, travel tips etc. are on the conference website: [www.insects.gatech.edu](http://www.insects.gatech.edu).

