



**Joint Meeting
Southeastern Section MAA
&
SIAM SE Atlantic Section
March 21-22, 2003
Clemson University
Clemson, SC**



MEETING ANNOUNCEMENT:

The eighty-second annual meeting of the Southeastern Section of the Mathematical Association of America is a joint meeting with the SIAM Southeast Atlantic Section. It will be held on Friday afternoon, March 21 and Saturday morning and afternoon, March 22, 2003. The Association invites all interested persons to attend this meeting and requests the assistance of all department chairs, faculty, and members of the Section in providing publicity. Both pre-registration and on-site registration will be available for all MAA and SIAM members, entitling everyone who is registered to attend all talks Friday and Saturday, with the exception of Friday morning short courses for which there is a separate pre-registration.

INVITED SPEAKERS:

- John Baxley, Wake Forest University, Section Lecturer
- Ron Graham, AT&T Bell Labs
- Ronald Harshbarger, USC-Beaufort, Southeastern Section MAA 2002 Distinguished Teaching Award
- Margaret Wright, Courant Institute

CALL FOR CONTRIBUTED PAPERS AND SPECIAL SESSIONS:

Both research and expository papers in the areas of mathematics, (pure, industrial and applied), the teaching of mathematics, and mathematics education are solicited for the program. Titles and abstracts should be sent to Chris Cox, (0-106 Martin Hall, Box 340975, Clemson University, Clemson, SC, 29634-0975, or clcox@clemson.edu) and must be received no later than **January 31, 2003**. Please indicate the general mathematical area of the paper on the abstract. For contributed papers, twenty minutes total are allowed for the presentation of each paper. Contributed paper sessions for presentations by students, graduate or undergraduate, will be specially designated as well. For the general mathematical area, please indicate if it is a student paper. Anyone interested in organizing a special session on a specific topic should send a title and description of the special session, by January 13th, to Mark Cawood, (0-106 Martin Hall, Box 340975, Clemson University, Clemson, SC, 29634-0975, or cawood@clemson.edu).

POSTER SESSION ON UNDERGRADUATE RESEARCH:

This session features results of research by undergraduate students. Students are encouraged to present their research from academic-year work or from summer research projects. Students will be expected to be available for one hour at the poster session to discuss their research with interested persons. When submitting the abstract electronically indicate for the general mathematical area a student poster. Questions or suggestions are welcomed by Robert L. Bernhardt, East Carolina University, Greenville, NC 27858-4353, phone: (252) 328-4109, email: bernhardtr@mail.ecu.edu.

JEOPARDY CONTEST FOR UNDERGRADUATE TEAMS:

SIAM-SEAS will again (as in 2001) sponsor a *Jeopardy* Contest for undergraduate students (organized by Michael Berry, UTK). Undergraduate students will compete in teams of three or four students. The competition will be limited to the first 8 schools that register. Each team will be required---in the spirit of the popular TV game show---to provide questions to answers about topics in calculus, differential equations, linear algebra, and computer science. Trophies will be presented, and SIAM may be able to provide funds to each participating school to offset student travel costs. To register a team, contact Michael Berry at berry@cs.utk.edu.

PROJECT NEX-T-SOUTHEASTERN SECTION:

Project NEX-T (New Experiences in Teaching) is a national program for new or recent Ph.D.'s in the mathematical sciences interested in improving the teaching and learning of undergraduate mathematics. Project NEX-T-SE is the Southeastern Section's version of the program. The current class of NEX-T-SE fellows will hold its sessions on March 20-21, just prior to the beginning of the regular meeting. The next new class of Project NEX-T-SE fellows will begin in the spring of 2004. For information, contact John Harris (john.harris@furman.edu) or Greg Rhoads (rhoadsgs@appstate.edu).

SHORT COURSES

Six Short Courses will be offered Friday morning from 8:30 - 11:30.

- Perfect Partners: Mathematical Modeling, Discrete Dynamical Systems, and Technology, by William P. Fox and Richard West, Francis Marion University
- Computational Genomics, by Laurie Heyer, Davidson College
- Algebra and Number Theory in Cryptography, by Shuhong Gao, Clemson University
- Computational Modeling in Service of Undergraduate Teaching, by Bob Panoff, Shodor Foundation, and Dan Warner, Clemson University
- Enhancing Logical Reasoning through Lego Robots, by Nieves McNulty and Madeleine Schep, Columbia College
- Miles of Tiles-Patterns in the Plane, by Steve Edwards, Southern Polytechnic State University

Reservations for one of these courses should be made by completing the top half of the enclosed form and returning it with a \$20 non-refundable fee by March 1, 2003 to Martha L. Abell, MAA/SE Secretary/Treasurer, P.O. Box 8130, Georgia Southern University, Statesboro, GA, 30460-8093, martha@gasou.edu, 912-681-0357. Enrollment in each course may be limited. Admission to any course without reservation is on a space-available basis. A printable version of the registration form is available on the conference website at

<http://www.math.clemson.edu/~clcox/MAA-SIAM>.

T.A. RUSH

T.A. Rush provides an opportunity for students to meet with representatives of graduate programs. If your institution wishes to participate and to be listed in the program as a part of T.A. Rush, notify Doug Shier, Clemson University, phone: (864) 656-1100, email: shierd@clemson.edu by January 31, 2003. This event is scheduled for 11:15-12:45 on Friday in conjunction with a pizza lunch for students. There is a \$25 fee for each participating graduate institution.

SOCIAL EVENTS:

Coffee and doughnuts will be available during breaks throughout the meeting.

A barbecue & chicken dinner will be held Friday evening at the Clemson House, within walking distance of the meeting site, after the awards presentation. See the map at <http://www.clemson.edu/welcome/campmap/> for directions. Additional restaurants in the Clemson area are listed at

<http://www.lake-hartwell.com/services/Restaurants/restaurants.htm#Clemson>.

MAA is sponsoring a *Celebrity Jeopardy* contest (with faculty contestants) immediately following dinner. Anyone interested in helping with this event should contact Theresa Early, earlyte@appstate.edu.

PREREGISTRATION, ON-SITE REGISTRATION AND PROGRAM:

The fee structure is:

- \$25 registration fee for faculty (\$30 after March 1)
- \$5 registration fee for students and emeritus faculty
- \$15 registration fee for high school teachers (high school students may attend at no cost)
- \$10 for Friday evening dinner (optional)
- \$8 for Saturday boxed lunch (optional)

This joint meeting will have a full program. The program will be available around February 15th at the meeting web site. Most of the sessions will be held in Brackett Hall (found on the campus map at <http://www.clemson.edu/welcome/campmap/>).

HOTEL INFORMATION:

Participants should make their own arrangements directly with a hotel of their choice. Blocks of rooms have been reserved (until February 27th) at \$64 at the three properties listed below for the nights specified. Please cite the group name **MAA/SIAM Math Conference** when making a reservation. Accommodations have varying cancellation or early checkout penalties; be sure to ask details when making your reservation. Contact information for these and other area accommodations is provided on the web page

<http://www.clemson.edu/welcome/vcenter/center/stayhere.htm>

The MAA and SIAM are not responsible for rate changes or for the quality of the accommodations.

Motels with Rooms Blocked for the Conference:

Comfort Inn, Clemson (25 rooms blocked Thursday and 91 rooms Friday)

Days Inn, Clemson (26 rooms blocked Friday)

Ramada Inn, Clemson (75 rooms blocked Thursday night and Friday night)

Sleep Inn, Clemson (25 rooms blocked Friday)

TRANSPORTATION:

Directions to Clemson are available at the website

<http://www.clemson.edu/welcome/directions.htm>

UPDATES:

Meeting updates can be found at the website

<http://www.math.clemson.edu/~clcox/MAA-SIAM>