

**85<sup>th</sup> Annual Meeting**  
**Mathematical Association of America, Southeastern Section**  
**30<sup>th</sup> Annual Meeting**  
**Society for Industrial and Applied Mathematics, Southeast Atlantic Section**  
**Auburn University**  
**Friday – Saturday, 31 March – 1 April 2006**

**Meeting Announcement:** The eighty-fifth annual meeting of the Southeastern Section of the Mathematical Association of America and the thirtieth annual meeting of the Southeast Atlantic Section of the Society for Industrial and Applied Mathematics (SIAM) will be held on Friday and Saturday, 31 March – 1 April 2006 at Auburn University in Auburn, Alabama. The Association invites all interested persons to participate and asks that department chairpersons, faculty, and members of the Section help in publicizing the meeting. Pre-registration may be done completing the printed form in this newsletter and sending payment to the Auburn Mathematics Department at the address below. On-site registration will also be available. Pre-registration for short courses is made through the section Secretary, Martha Abell, using the form in this newsletter. Up-to-date information about the conference will be maintained at the conference web site, which is accessible through <http://www.maa.org/southeastern>.

**General Sessions** There will be four general session speakers on Friday and Saturday:

- David Anderson, University of Tennessee, Knoxville
- Susanne Brenner, University of South Carolina
- Ralph C. Smith, North Carolina State University
- David Stone, Georgia Southern University

**Call For Contributed Papers:** The Program Chairperson invites and encourages submission of titles and abstracts for fifteen-minute (20 minutes between the start of one talk to the start of the next) contributed talks in all areas of mathematics by college and university faculty, graduate students, and undergraduates from across the section. **Titles and abstracts** should be sent to the program chairperson (Tom Barr, [tombarr@rhodes.edu](mailto:tombarr@rhodes.edu)) before **Tuesday, 28 February, 2006** in order for the abstract and title to appear in the printed program of the meeting. It will be very helpful if individuals send this information in advance of this deadline. Talks will be organized into concurrent sessions, to the extent possible, by the general mathematical area indicated by the abstract. There will also be organizers of sessions for selected mathematical areas:

- Differential Equations, Keith Howard (Mercer University, [HOWARD\\_KE@merc.edu](mailto:HOWARD_KE@merc.edu))
- Geometry, Andras Bezdek (Auburn University, [bezdean@auburn.edu](mailto:bezdean@auburn.edu))
- Teaching of Mathematics: K-12, Chris Rodger (Auburn University, [rodgecl@mail.auburn.edu](mailto:rodgecl@mail.auburn.edu)) and M.A. Qazi (Tuskegee University, [QaziMA@aol.com](mailto:QaziMA@aol.com))
- Mathematical Biology, Laurie Heyer (Davidson College [lahey@ davidson.edu](mailto:lahey@ davidson.edu))
- Graph Decompositions, Sasha Logan (Coastal Carolina University, [slogan@coastal.edu](mailto:slogan@coastal.edu))
- Undergraduate papers, Luis Cueva-Parra (Auburn University at Montgomery, [Luis.Cueva-Parra@mail.aum.edu](mailto:Luis.Cueva-Parra@mail.aum.edu)) and Karen O'Hara (High Point University, [kohara@linus.highpoint.edu](mailto:kohara@linus.highpoint.edu))

These individuals will be soliciting papers as well as working with contributors.

**Poster Session:** Students are encouraged to present research and results of special projects. The session scheduled for Saturday morning, concurrent with contributed talks. Please send abstracts or questions to Tim Chartier ([tichartier@davidson.edu](mailto:tichartier@davidson.edu), Mathematics Department, Davidson

College, Davidson, North Carolina 28035) by **Tuesday, 28 February 2006** to ensure that an easel will be available for your poster.

**Short Courses:**

- *Problem-Solving with the Point-and-Click Interface in Maple 10*, Robert J. Lopez (Professor Emeritus, Rose-Hulman Institute of Technology)
- *Cryptography, Security, and the Internet*, Jeffrey Ehme (Spelman College)
- *Internet-based Multivariable Calculus*, Tom Banchoff (Brown University)
- *Teaching of Statistics in High Schools*, Mark Carpenter (Auburn University)

A fuller description of the short courses will appear on the conference web page, which can be accessed through the Section web page <http://www.maa.org/southeastern>.

**Math Jeopardy Contest:** Teams of three or four undergraduates will compete in a mathematical version of the well-known answer-question game. Competition is limited to the first twelve schools that register. Topics will include calculus (single and multi-variable), linear algebra, differential equations, and discrete mathematics. To register a team or to find out more, contact Mike Mossinghoff ([mimossinghoff@davidson.edu](mailto:mimossinghoff@ davidson.edu)) or John Harris ([john.harris@furman.edu](mailto:john.harris@ furman.edu)).

**Project NExT-SE:** Project NExT-SE (New Experiences in Teaching) is the Southeastern MAA Section's instantiation of the national program for new and recent PhD's in mathematical sciences interested in improving the learning and teaching of undergraduate mathematics. Activities on Thursday afternoon are planned as well as sessions on Friday morning. Contact Julie Barnes ([jbarnes@wcu.edu](mailto:jbarnes@wcu.edu)) or Rob Harger ([rharger@highpoint.edu](mailto:rharger@highpoint.edu)) and visit <http://math.highpoint.edu/NExT-SE>.

**T. A. Rush and Career Fair:** In this venue, students considering graduate school in mathematical sciences have opportunities to meet with representatives of various graduate programs. Narendra Govil ([govilnk@mail.auburn.edu](mailto:govilnk@mail.auburn.edu)) and Edward Slaminka ([slamiee@auburn.edu](mailto:slamiee@auburn.edu)) will be organizing the T. A. Rush; representatives of graduate programs should contact him to register their participation (\$25 fee payable to Auburn University). Concurrently, representatives of various employers of undergraduate majors in mathematical sciences will have displays providing information about career opportunities in their companies meet with interested students. Pat Goeters ([goetehp@auburn.edu](mailto:goetehp@auburn.edu)) and Joe Albree ([aalbree@mail.aum.edu](mailto:aalbree@mail.aum.edu)) will be organizing the Career Fair.

**Chairpersons' Meeting and Liaisons' Luncheon:** The Chairpersons' meeting, scheduled for 10:30 to 12:00 on Saturday, is an opportunity for discussion of issues confronting the departments. Charlotte Knotts-Zides ([knottszidesca@wofford.edu](mailto:knottszidesca@wofford.edu)) and Michel Smith ([smith01@auburn.edu](mailto:smith01@auburn.edu)) will convene the Chairpersons. MAA Liaisons will meet from 12:30 to 1:30 on Saturday, convened by Ben Klein ([beklein@davidson.edu](mailto:beklein@davidson.edu)). Boxed lunches will be provided for those liaisons requesting them through Ben before 25 March.

**Exhibits:** On Friday afternoon and Saturday morning, representatives of publishing companies and other vendors will have exhibits on the first floor of Parker Hall, in the vicinity of the registration desk.

**Social Event:** The site coordination committee at Auburn is planning a **reception and banquet** at the **Auburn University Hotel and Conference Center**.

**(Pre-) Registration:** Pre-registration for the meeting is encouraged; on-site registration will also be available. To pre-register for the meeting, complete the attached form and mail along with a check in the name of **Department of Mathematics and Statistics, Auburn University / MAA-SIAM** for the appropriate amount to

MAA-SIAM Annual Meeting  
Attn: Michel Smith / Narendra K Govil  
Department of Mathematics & Statistics  
Auburn University  
Auburn, AL 36849  
E-mail: [smith01@auburn.edu](mailto:smith01@auburn.edu), [govilnk@auburn.edu](mailto:govilnk@auburn.edu)  
Fax: 334-844-6555

<b>Fees</b>	<b>Pre-registered</b>	<b>After 10 March</b>
Faculty meeting registration	\$25	\$30
College/university students, emeritus faculty	\$10	\$15
High school teachers	\$15	\$20
High school students	free	free
Social Event	\$22	

Participants in the short courses should pre-register; use the enclosed form and send it to

Martha L. Abell, Secretary/Treasurer, MAA-SE  
Department of Mathematics  
Georgia Southern University  
Statesboro, Georgia 30460  
[martha@georgiasouthern.edu](mailto:martha@georgiasouthern.edu)  
(912) 681-0367

**Hotel Information:**

Participants should make their own arrangements directly with a hotel of their choice. Blocks of rooms have been reserved (until February 27, 2006) at special rate at the properties listed below for the nights of March 30, 31, and April 1, 2006. Please cite the group name MAA/SIAM Math Conference when making a reservation. Accommodations may vary, and there may be cancellation or early checkout penalties. Be sure to ask about these details when making your reservation. The following are the motels where rooms have been reserved for the conference:

- Comfort Inn (2283 south College Street, 334-821-6699), \$55 single king or two doubles
- The Hotel at Auburn University and Dixon Conference Center (241 South College Street, 800-228-2876), \$84 single king or two doubles
- Holiday Inn Express (2013 South College Street, 334-502-1090), \$83.86 single king or two doubles
- Days Inn (333 South College Street, 334-887-3462, 800-444-6835), \$60 king or two doubles
- University Inn (129 North College Street, 334-821-4632), \$45 single king , \$55 two doubles
- Hampton Inn, (2430 South College Street, 334-821-4111) \$87 single king, \$84 two doubles)

The Hotel at Auburn University and Dixon Conference Center, Days Inn, and University Inn are within walking distance; other motels are less than three miles from the site of the conference.

### **Transportation and Directions:**

Auburn is about 100 miles from Atlanta airport, about 50 miles from Montgomery, and about 110 miles from Birmingham. There is a regular limousine service, [Express 85](#), available between Atlanta airport and Auburn.

To Auburn From Montgomery on I-85 North:

- Get off I-85 N at **EXIT 51**
- Take a **LEFT** at the light onto College St.
- Stay on College St. for about **4 miles**. You will see Samford Hall on the Left hand side of the street and The University Chapel on the right.

To Auburn From Atlanta on I-85 South:

- Get off I-85 S at **EXIT 57**. Follow road to the right.
- At the traffic light, take a **LEFT** (you are now on Glenn Ave.)
- Stay on Glenn Ave. for about **4 miles**
- After you turn onto Glenn Ave. you will travel through four traffic lights. The fifth light will be College Street.
- Take a **LEFT** onto College Street
- Travel to the next traffic light (you are now at Toomer's Corner)
- Across the intersection, J&M Bookstore will be on the left side of the road, and Auburn University will be on the right.

To Auburn from Birmingham on Highway US-280E:

- Take a **RIGHT** off US-280E onto **AL-147** (there will be a Conoco Service Station at the intersection)
- Stay on AL-147 for 4.8 miles. It is a straight shot to Auburn where AL-147 will turn into College Street.
- After you cross the railroad tracks you will enter downtown Auburn.
- The light following the tracks will be at Glenn Ave. Go through the intersection.
- The next intersection will be Magnolia Ave. (Toomer's Corner)
- Across the intersection, J&M Bookstore will be on the left side of the road, and Auburn University will be on the right.

**Updates:** Updates to this announcement and ultimately a tentative schedule of talks will appear on the conference web page, which is accessible through the section web page, <http://www.maa.org/southeastern>.

