



ASM - Atlanta

Newsletter of the Atlanta Chapter of ASM International

<http://www.asm-atlanta.org/>

January, 2001

Normally Meets 3rd Tuesday

Volume 7

Number 5

January Program

Tour of Lucent Technologies' Norcross Georgia Manufacturing Facility I-85 near Jimmy Carter

Tuesday, January 16, 2001 at 1:00 PM

Please arrange your schedules so that you arrive at The Lucent Technologies Main Building Entrance shortly before 1:00 PM so that the program can start at 1:00 PM. Those who can are encouraged to **gather for lunch prior to the tour at 11:30 AM at Papadeaux's Seafood** on Jimmy Carter; near I-85 & Lucent. Order & pay for your own lunch separately.

During the tour, you will see optical fiber, optical ribbon and optical cable manufacturing.

For additional information on Lucent Optical Products check out their web site at:

<http://www.lucent.com/networks/index.html>

Directions to Lucent Technologies' Norcross, Georgia Facility:

- From downtown Atlanta, proceed I-75/85 North & onto I-85 North where I-75/85 split.
- Continue on I-85 crossing under I-285 & exit at Jimmy Carter Blvd., \approx 2 miles past I-285.
- Turn left onto Jimmy Carter and cross over I-85.
- Turn left at the second red light (Crescent Drive)
- The Norcross Facility is located at the corner of Jimmy Carter Blvd and Crescent Drive, but you must stay on Crescent Drive for about 1/2 mile to reach plant entrances. Visitors must check in at the front desk of the main building entrance.

Note also that **Papadeaux's Restaurant** is on Jimmy Carter Blvd. on the right as you cross I-85. It is located about where the letter "D" in Blvd. is located on the inserted map below. For additional information on Lucent, check out their web site at:

<http://www.lucent.com/networks/index.html>

For the tour, RSVP to Marlene White, Tel: (404) 894-2850, Fax: (404) 294-9140, marlene.white@mse.gatech.edu

Atlanta ASM Chairman's Message

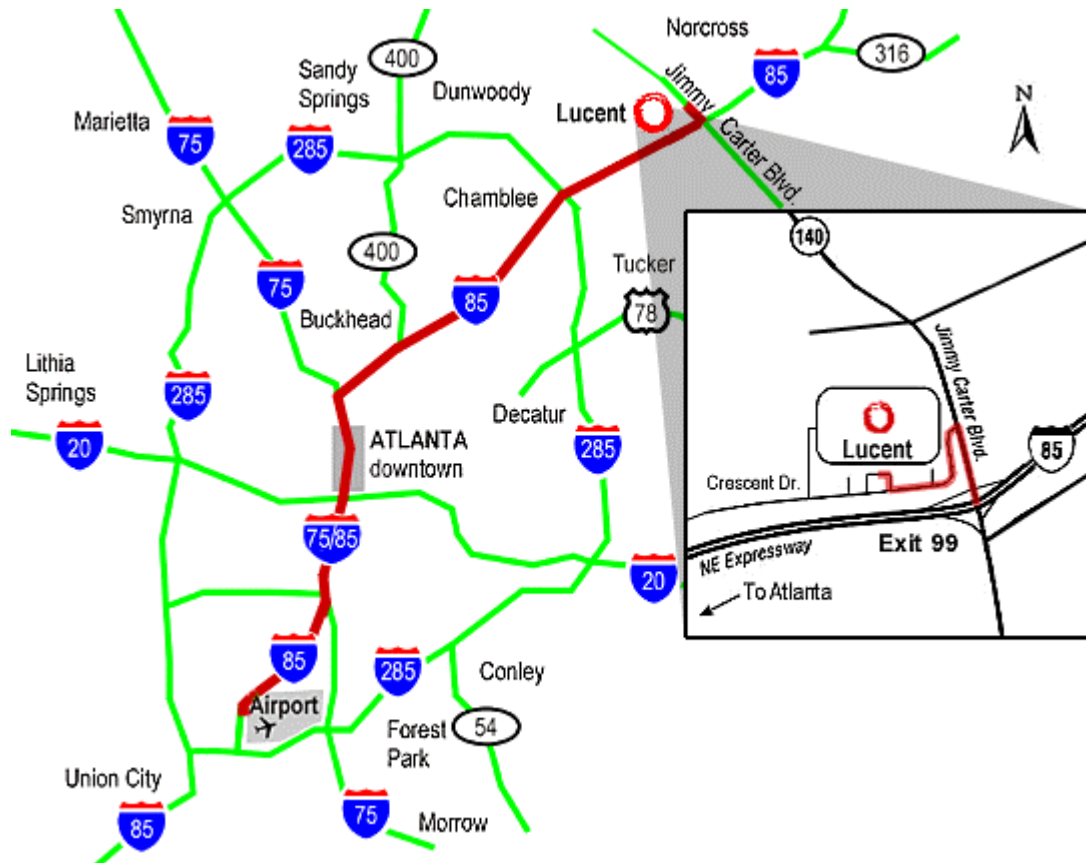
by John L. Mihelich

Mac Luthan's presentation, "Why Stuff Falls Apart" made at the Chapters' Holiday Season gathering, was excellent and thoroughly enjoyed by all. The attendance was super with 30 plus partaking in the buffet meal, door prize drawing and this Holiday Season networking opportunity.

As described above, an afternoon tour of the Lucent Technologies fiber optics plant on the north side of Atlanta has been arranged for Tuesday, 16 January.. Reports from Prof Thadhani, who visited this operation in 2000, are that it is a very interesting operation that is on the cutting edge of today's communications technology. The silica fibers serve as the transmission conduits that support the ultra-fast broadband data and communications systems that are so important today. This facility has been at the very forefront of fiber-optic manufacturing from the very beginning of this technology over the last three decades. Come on along and get a first hand view of where the materials action is in fiber optics technology.

A reminder that Naresh Thadhani, Billy Livesay and Jim Hubbard, all Past Chairman of our Atlanta Chapter, have agreed to form the Nominating Committee to select a slate of officers for 2001-02. If you know of a capable member who should become more involved with the operation of our Chapter, please contact a Nominating Committee member. Election of 2001-02 officers is expected to take place at our April meeting with the names of candidates appearing in the April NewsLetter.

Please remember that we want to get our meeting attendance up to 30 attendees on a consistent bases. We did meet this challenge for our Holiday Bash in December. Let's do it again for the Lucent tour. I for one plan to bring a guest who is interested in seeing this high tech materials manufacturing operation first hand. Our meetings and tours offer an excellent opportunity to network with your peers in the materials field. Great way to stay on top of what is happening in your profession and on the local scene. See you at Lucent on 16 January!



Materials Positions Available

Materials Engineers/Metallographers needed by materials testing and consulting firm. Two positions to be filled. Openings in Atlanta area.

1. B.S. Materials/Metallurgical Engineering and 1-2 years minimum experience required (Co-op and GRA work considered as experience). EIT preferred.
2. B.S./M.S. Materials/Metallurgical Engineering and 6-10 years minimum experience required. This position requires an engineering license.

Both positions require excellent communication and computer skills. Salary commensurate with experience. Fax letter, resume and salary history: 770-424-6415 or mail: James Lane, ATS, 1190 Atlanta Industrial Drive, Marietta, GA 30066. E-mail: jlane@atslab.com

Update Your Record at ASM International

ASM International requests that each member go to the ASM web site www.asminternational.org in order to verify your addresses, contact details, email, etc. You will use your member number, found on your ASM Membership card or on a mailing label from ASM, to access your personal record. Find this page under "For Members Only".

Atlanta Chapter Sustaining Memberships

Please give strong consideration to helping your company or organization become an Atlanta Chapter of ASM Sustaining Member. Sustaining Members provide active participation in shaping the local chapter programs from seminars to education to student outreach and social events. There are many benefits that, in turn, accrue to member companies and their employees. It demonstrates your company's dedication to the metals and materials industry, providing positive community relations. The cost of the Sustaining Membership is only \$200/year.

Please contact Subu Shanmugham at 678-287-2417 or subu@microcoating.com for more information

ASM-Atlanta Features

- Program Notes for Meetings
- Chairperson's note to members.
- Career Development: includes job opportunities or jobs needed
- Company Feature: Short description of what a particular company does - that is informative to other members - not just an advertising item
- Technical Features: Short (one page or less) descriptions of an interesting technical or scientific materials topic - perhaps from a manufacturing or research development.
- Education Feature: Materials course offerings.
- Georgia Tech Student Chapter News
- Member News
 - Special Events, Awards & Honors.
 - New Members
 - Deaths
 - Transitions
- ASM International News
- Advertisements: Essential for increasing usefulness.
- Materials Courses (for Members & Others)
- Outreach (ASM members to Schools, Scouts, etc.)

Please contribute information for inclusion in the *ASM-Atlanta* News Letters. For example, you may contribute a brief (one page or less) technical article which would be of interest to your fellow members - or suggest who might write an article. You may want to say something about the work of your organization or company that would be of interest to materials people. "Letters to the Editor" are welcome. Have you, or some materials person that you know, received an honor, recently published an article, been promoted, moved, etc.?? Let us know!

Also, consider advertising in the *ASM-Atlanta*, our Web Site and in the Membership Year Book. Inform others of your services while helping to underwrite the costs for printing and mailing and of maintaining your Web Site. **Please contact Bill Livesay** (b.livesay@gtri.gatech.edu) for both ads and news input for the next *ASM-Atlanta*.

Atlanta ASM Chapter Officers

Chairman: **John L. Mihelich**, Metal Experts International, 7440 Mason Falls Drive, Winston, GA 30187, 770-942-7893V; 770-942-0922 F, yodonna@aol.com

1st Vice Chairman: **Kim B. Spinsby**, Siemens Energy and Automation, 100 Technology Dr., Alpharetta, GA, 30005, 770-740-3185V; 770-740-3050F, kim.spinsby@sea.siemens.com

2nd Vice Chairman(Programs) **George W. Kremer**
1220 Lochshyre Way, Lawrenceville, GA 30043-6454
770-339-9938V; 770-339-6792F, gwkremer@bellsouth.net

Secretary: **Gautam R. Patel**, Georgia Tech Research Institute, Material Analysis Center
Baker, #273, Atlanta, Georgia 30332
404 894-3635V; gautam.patel@gtri.gatech.edu

Treasurer: **James F. Lane**, Applied Technical Services;
1190 Atlanta Industrial Drive, Marietta, GA 30066
770-218-2180 x3041V; 770-424-6415F, jlane@atslab.com

Atlanta Chapter Academic Advisor:
Ashok Saxena, Georgia Tech Mat. Eng. & Sci. Dept.,
Atlanta, GA 30332-0245
404-894-2888V; 404-894-9140 F,
ashok.saxena@mse.gatech.edu
<http://www.mse.gatech.edu/faculty/saxena/sax.html>

ASM-ATLANTA
775 Upper Hembree Road
Roswell, GA 30076

Membership Committee Chair: **Subu Shanmugham**
MicroCoating Technologies, 5315 Peachtree Industrial Blvd,
Chamblee, GA 30041
678-287-2417; subu@microcoating.com

GT ASM Student Chapter President: **Ben Church**,
Georgia Tech Student Chap President, Graduate Student.
Materials Science & Engineering, Atlanta, GA 30332-0245
404-894-9140; 404-894-5956F; gte443r@prism.gatech.edu

Communications & Web Site: **Greg Kennedy**,
Georgia Tech, Atlanta, GA 30332; 404-894-1475V; 404-894-
9140F, gte290r@prism.gatech.edu

Past Chair: **Naresh Thadhani**,
Georgia Tech Mat. Eng. & Sci. Dept., Atlanta, GA 30332-0245;
404-894-2651V; 404-894-9140F,
naresh.thadhani@mse.gatech.edu
<http://www.mse.gatech.edu/faculty/thadhani/thad.html>

Previous Chairs Advisory Group (Maximum of 3)
Bill Livesay, LSS ASM Atlanta Newsletter Editor
775 Upper Hembree Road, Roswell, GA 30076
770-664-8742V; 770-410-0122F, b.livesay@gtri.gatech.edu

Jim Hubbard, Materials Analytical Services, 3945 Lakefield
Court, Suwanee, GA 30024
770-866-3205V, 770-866-3259F, jhubbard@mastest.com

Justin Clark Past Student Chap. Pres. Georgia Tech Student
Chap President, Graduate Student, Materials Science &
Engineering, Atlanta, GA 30332-0245
404-894-5956V; 404-894-9140F, gt3360b@prism.gatech.edu