



ASM - Atlanta

Newsletter of the Atlanta Chapter of ASM International
<http://www.asm-atlanta.org/> Normally Meets 3rd Tuesday
April, 2005 Volume 11 Number 7

Meeting this next Tuesday, April 19!

April Meeting of the Atlanta Chapter of ASM

**Tuesday Evening, April 19, 2005
In the Georgia Tech School of Materials Science & Engineering
Located in the Love Building - 3rd Floor Atrium**

Naval Aviation Materials Technologies

presented by

William E. Frazier

**Head of the Metals, Ceramics, and Nondestructive Evaluation Competency
Naval Air Systems Command,
Patuxent River, MD**

Tuesday Evening, April 19, 2005

Wine Reception & Social:	6:00 PM
Dinner:	6:30 PM
Introductions & Business:	7:15 PM
Student Presentation:	7:30 PM
Dr. Frazier's Presentation:	7:45 PM
Meeting adjourns by	9:00 PM

Dinner Costs:
\$20.00 for Professionals, \$6.00 for Students

WHERE -- The GA Tech School of Materials Science & Engineering, in the J. Erskine Love Manufacturing Building.

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

Menu: Chicken Tuscany, dinner rolls w/butter, house salad w/basil vinegar, coffee (regular & decaff), iced tea, water. Brownies w/Nuts. Veggie dinner upon request

Reservations: RSVP - by Monday, April 18 to **Marlene White**,
Tel: (404) 894-2850, Fax: (404) 294-9140, marlene.white@mse.gatech.edu

Note: If it is necessary for you to eat elsewhere, please know that you are very welcome for the program. Come & meet with your technical friends and make new ones.

About the Presentation by Dr. Frazier:

Virtually every material selected and engineered for Navy and Marine Corps aviation is driven by the unique maritime operational requirements and harsh corrosive environment. Carrier based aircraft experience six times the structural loads of land-based aircraft. Aircraft are designed for a landing sink rate of 27 feet/second and are catapult launch acceleration of 150 mph in 2.1 seconds. This presentation provides an overview of the Materials Division at the Naval Air Systems Command. The materials presented emphasize emerging metals, ceramics, and non-destructive inspection technologies. Also discussed is the state of ASM International and salient initiatives of our society.

Biosketch of Dr. Frazier



Dr. William E. Frazier received his BS, MS, and Ph.D. degrees in Materials Engineering from Drexel University in 1981, 1984, and 1987 respectively. He is a graduate of the Naval Aviation Executive Institute's Senior Executive Management Development Program, and the Defense

Systems Management College's Advanced Program Management Curriculum. He is a Level III certified member of the DoD Acquisition Professional Community

Dr. Frazier has 25 years of experience in naval aviation materials technology. He is the Head of the Metals, Ceramics, and Nondestructive Evaluation Competency at the Naval Air Systems Command, Patuxent River, MD. Dr. Frazier is the NAVAIR authority responsible for safety-of-flight issues involving metals, ceramics, and NDE. He has authored more than 89 technical publications, edited 6 books, and holds two U.S. Patents. Dr. Frazier is an **ASM Trustee**, an **ASM FELLOW** and a **NAVAIR FELLOW**; he is Peer Reviewer for:

- (i) the **Journal of Materials Engineering and Performance**, ASM, and
- (ii) the **Journal of Advanced Materials**, SAMPE.

April Meeting - ASM Trustee Visit

Dr Frazier is visiting with both the Atlanta Professional Chapter and the GT Student Chapter as our annual ASM Trustee visit to review the operations of the two chapters next week. Dr. Frazier has demonstrated a strong knowledge and interest in the operation of individual ASM chapters.

Please contact Prof. **Hamid Garmestani** at 404-385-4495 or at hamid.garmestani@mse.gatech.edu if you would like to arrange a conversation with **Dr. Frazier** during the day of his visit with our chapter.

The Atlanta Chapter of ASM International is pleased to announce

ASM Materials Education Institute (MEI) Short Course:
Metallurgy for the Non Metallurgist

Dates:

**7 consecutive Thursday evenings from 6:30-8:30pm
starting April 21, 2005 to / including June 2, 2005**

Location:

**Georgia Institute of Technology
J. Erskine Love, Jr. Manufacturing Building, Room 299
771 Ferst Drive, Atlanta, Georgia**

CONTACT & REGISTER with:

Marlene White, Tel: (404) 894-2850, Marlene.white@mse.gatech.edu

Or

Preet M. Singh, Tel: (404) 894 664, Preet.Singh@mse.gatech.edu

Election of Officers for Next Chapter Year

At the April meeting the chapter will elect Chapter officers for the 2005-2006 Chapter Year.

We will elect a Chapter Chair, 1st & 2nd Vice-Chairs, a Treasurer and a Secretary. The names, telephone numbers and email addresses of each member of the nominating committee are listed below. You may still contact one of these individuals with your suggestions, but please do so at your earliest convenience.

The three **Nominating Committee** members are:

Steve Johnson

404-894-3013

steve.johnson@mse.gatech.edu

Naresh Thadhani

404-894-2651

naresh.thadhani@mse.gatech.edu

John Mihelich, Nominating Committee Chair

770-942-7893

jlmihelich@comcast.net

Features of ASM-Atlanta

The Newsletter of the Atlanta Chapter of ASM International

- Program Notes for Meetings
- Chairperson's note to members.
- Career Development: job opportunities or jobs needed
- Company Feature:
- Technical Features:
- Education Feature: Materials course offerings.
- Georgia Tech Student Chapter News
- Member News
 - Special Events, Awards & Honors.
 - New Members
 - Deaths
 - Transitions
- ASM International News
- Advertisements
- Outreach (ASM members to Schools, Scouts, etc.)

Send information, articles or suggestions to:

Bill Livesay, Editor *ASM-Atlanta*.

775 Upper Hembree Road

Roswell, GA 30076

Livesay3@bellsouth.net, or b.livesay@gtri.gatech.edu

770-664-8742