Metro Atlanta AMS/NWA Chapter Minutes
President James Belanger, President-Elect Daniel Dix, Treasurer Sean Miller, Secretary Caroline Zager
October 13, 2011

Attendance: 22

Business:
Treasurer’s Report
Please pay your chapter dues. Students: $10, Full Membership: $20, Corporate Sponsors: $50

Logo Design Contest
Please continue to submit your designs. All designs must be submitted to chapter officers (or to atlamsnwa@gmail.com) by October 31, 2011. Voting will be done online November 1-16. Look for an email for information on the voting window. Remember, the winner of the design contest will receive a free polo shirt. More information on cost, color, and ordering of shirts to come at November meeting.

AMS/NWA Annual meetings
Annual NWA Conference underway this month in Birmingham, AL. Students are encouraged to attend the Student Conference held October 15-16.
The 2012 Annual AMS Conference will be held in New Orleans, LA. If you have chapter pictures, or a desire to help design the Chapter Poster for the Annual Meeting, please let a chapter officer know. Our poster won first place at last year’s meeting, so let’s keep up the good work!

Featured Presenter
Dr. Robert Addis, Director of the Defense Programs Technology, Savannah River National Laboratory
  o History of the Savannah River Site
    ▪ Building began in 1950
    ▪ DuPont ran site through 1989
  o Objective Now
    ▪ National Security
    ▪ Environmental Stewardship
    ▪ Clean Energy
    ▪ In 2000, decision made for Savannah River Site (SRS) to be a Mixed Oxide plant
  o Meteorological Programs
    ▪ Plant operations affected by weather conditions
    ▪ Emergency response to unplanned releases of radioactivity
    ▪ Engineering, Safety Analyses and Environmental Impacts
    ▪ Health Impacts/Effects
  o Site Weather Support – Atmospheric Technology Center
    ▪ Tailored weather forecasts
    ▪ US Forestry forecasts
    ▪ Emergency Response
      ▪ Atmosphere/aqueous assessment models
  o Atmospheric Models
    ▪ Used from everything from Three Mile Island to Fukushima
Initialized with NWS numerical forecasts

- Project ENSEMBLE
  - A European initiative to improve operational models used to respond to accidental releases of hazardous material
  - Follow up to projects following Chernobyl
  - The SRNL is the representative for the U.S. in the ENSEMBLE project
    - Exercises include the Eyjafjallajokull Volcano in Iceland, and the Fukushima disaster in Japan

- Looking for joint research opportunities with Universities
- If interested in a tour of the facility, please give two weeks notice for security clearance

**Next Meeting**

**Thursday, Nov 17,** at ES&T L1175 Georgia Tech  
*Wintertime Seasonal Forecasting for North America & Europe*  
Drs. Violeta Toma & Hyemi Kim  
School of EAS - Georgia Tech