



ISA
NOVEMBER MEETING,
NOV.13, 2007
PLANT TOUR—DSM Chemicals
Augusta, GA

Location: **DSM Chemicals,**
Columbia Nitrogen Road,
Augusta, GA

Price : \$5 with RSVP for ISA members by Monday
noon Nov. 13, 2007
\$10 for non-members & ISA members without
RSVP
Dinner will be served during presentation.

Time : 6:00 pm to 8:00 pm

RSVP: On the SAVANNAH RIVER SECTION website:
isaga@gabn.net

Title: Plant Tour

Speaker: Experienced Chemical Engineers
With Controls & Instrumentation
specialization

Abstract: DSM Chemical Corporation is a major worldwide chemical company, based in The Netherlands. The Augusta plant, built in the 1960's, produces Nylon 6 and various forms of Caprolactam. The process and automation involved in the plant's production of these products is quite extensive. There are a wide range of control systems, ranging from pneumatic to modern safety instrumented systems, and a tremendous amount of instrumentation and control.

Please plan to join us for a fascinating presentation and tour of this world class chemical plant located right in our back yard!



SAVANNAH RIVER SECTION

SAVANNAH RIVER SECTION CALENDAR:

- Sept: Kick off meeting. Honeywell wireless
- Oct: Control Room consolidation, Rich Izard, SRS
- Nov: Plant tour: DSM Chemicals
- Dec: Digital Buses: Control Southern
- Jan: Control Loop variability : Larry Hammett, international Paper
- Feb: TBA
- Mar: PEN Show
- Apr: Digital Bus One day ISA Seminar
- May: TBA

Savannah River Section Members:

Despite the light rain and cool temperatures, our Golf Tournament was wonderfully successful! 27 sponsorships by manufacturers representatives and distributors were sold. 32 teams were represented by 124 folks ranging from plant engineers, managers, project engineers, maintenance technicians to distributor representatives, students, and teaching staff at Augusta Tech. A team of CH2MHill-Lockwood Greene engineers led by our Special Events coordinator, James Hyder, was instrumental in making it a great success. The goal of our scholarship fund for 2007-2008 has been reached, with a net of \$4,500. Our special thanks and gratitude for making it a success.

To facilitate understanding of terminology used for the upcoming Plant tour, the following definitions are provided:

Caprolactam is the primary raw material used in the production of nylon 6. At DSM's Augusta plant, caprolactam is stored in heated tanks in the liquid state. Molten caprolactam is shipped to domestic customers, who convert it to nylon 6 for end uses including carpet, tire cord, monofilament (weed eater line and fishing line), engineered plastics, and apparel. DSM also converts caprolactam to a solid flake. The flake is then packaged for export sales mainly for textile applications (apparel and hosiery).

Oleum, also known as fuming sulfuric acid, is basically a clear liquid with a slight milky-gray tint and a severely irritating odor. It is used to convert the intermediate product to the final product, Caprolactam.

Others are: Ammonia, Aqua Ammonia, Methane, Cyclohexane.

Section Membership Status

208 members active

Update Membership Record

Every member can update their ISA record on line. Go to www.isa.org and login (use member number and password). Look in the left navigation bar under general information and select My ISA>update My Record.

If member does not feel comfortable navigating the web, then send email message to info@isa.org with a request to update the record with current information. Providing the member number always helps. Or call ISA at 919-549-8411.

OUR GOAL IS TO BRING TO YOU LATEST KNOWLEDGE & TECHNOLOGY; YOUR ATTENDANCE WILL ENCOURAGE US IN ACHIEVING THIS GOAL..



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