



## **Southern Connecticut Chapter of ASM May Technical Meeting, Longevity Awards, & Elections Thursday May 20, 2010**

**TOPIC:** Moving Antimicrobial Copper from the Laboratory to the Clinical Setting

**SPEAKER:** James H. Michel  
Manager, Technical Services  
Copper Development Association, Inc.

Copper alloys have been established as antimicrobial materials through exhaustive laboratory testing. Presentation of specific test data to the U.S. Environmental Protection Agency has resulted in the registration of 282 copper alloys as antimicrobial materials with human health claims. However, this did not prove that copper worked in an actual setting. Testing in clinical hospital settings will be presented that shows that the antimicrobial property of copper materials does work and can benefit this real world environment by reducing the biological load of human pathogens. A review of the overall programs progress will be presented.

### **Speaker Biography**

James Michel has worked in the metals and corrosion industries for over 36 years including the copper and brass industry, the zinc industry and the steel industry. He has held positions in research and development, technical service, product development, market development, and sales and sales development. He has also operated his own metallurgical consulting business. Additionally, he taught metallurgy courses for ASM International. He joined the Copper Development Association in January 2007.

Jim is a member of ASM International, the National Association of Corrosion Engineers International, ASTM International, and the American Foundry Society. He holds a B.S. in Metallurgical Engineering from the University of Missouri – Rolla (now University of Missouri Science and Technology) and an M.S. in Metallurgical Engineering from The Ohio State University.

**LOCATION: Q's Restaurant & Lounge, 384 East Main Street, Ansonia, CT 06401**

5:30 p.m. - 6:30 p.m.; Social Hour

6:30 p.m. - 7:30 p.m.; Dinner

7:30 p.m. - 8:30 p.m.; ASM Announcements & Technical Presentation

**Meal Choices:** New York Strip Steak, Chicken Parmesan, Broiled Scrod

Members/Guests/Retirees \$25      Students \$10

**RESERVATIONS MUST BE RECEIVED BY OR BEFORE Noon Tuesday, May 18, 2010.**

Telephone reservations to James Steele at 860-747-6333 x3294 or Email: [jsteele@mottcorp.com](mailto:jsteele@mottcorp.com)

Members unable to attend the dinner are cordially invited to attend the presentation at 7:30 PM