AIChE PITTSBURGH SECTION

IN CONJUCTION WITH

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APRIL 2008 MEETING

The Chemistry and Engineering of Steel

By John Ciccone
Manager of Operations Planning, US Steel, Mon Valley Works
Formerly a Steel Quality Engineer for US Steel

The Chemistry of Steel alloy additions can control grain size, annealing properties, intragranular and grain boundary precipitations and even cosmetic properties. These processes lead to steels custom manufactured for very specific mechanical, physical, and surface properties. Steel remains the dominant material for appliances, automobiles, and commercial construction, often selected over aluminum, polymers, titanium, stainless and ceramics. Find out how and why steel has remained dominate by learning about the chemistry and engineering steel in this informative presentation.

When: **Tuesday, April 22nd**, 5:45 pm

Where: Rock Bottom Restaurant and Brewery,
The Waterfront, Homestead, PA

Speaker: **John Ciccone, US Steel Mon Valley Works**

Topic: The Chemistry and Engineering of Steel

Agenda: 5:45 – Registration
6:00 – Dinner
7:00 – Presentation

Menu: Steak, Fish or Chicken
Salad, Vegetable, Desert

Price: $30 per person for Steak or Salmon
$15 per person for Chicken Sandwich or Cheeseburger
Pay at the door is acceptable

Please make your **RSVP**.
TO: Mr. Chris Steffy, Vice-Chair
Phone: 412-225-0254
E-mail: **steffycd@lycos.com**
Your RSVP should include: **Name, Company Name, Email Address, and Phone Number and Menu Selection.**
CANCELLATIONS: If you must cancel your meeting reservation, please do so no later than 48 hours prior to the meeting.