TSC - Technical Societies Council

Topic: Invoice for Dues
Duration: 2015 - 2016
Member Society Dues: $50.00
Make checks payable to the TSC with a notation on the check that it is for TSC dues
Remit to: Frank J. Kizlik
TSC Treasurer
60 Jenell Drive
Grand Island, NY 14072
Questions: email fjkizlik@roadrunner.com or 773-1652

ASME Buffalo Section

Dinner Presentation on Turbomachinery Design Analysis
Date: Tuesday April 19, 2016
Time: 5:00 pm networking & cash bar, 6:00pm dinner
Location: Hotel Lafayette Courtyard Room, 391 Washington Street, Buffalo, NY 14203
Presentation Title: Computational Methods for Turbomachinery Design & Analysis
Event Description: This will be a 1.0 PDH program (approval pending) on numerical methods used in the design and analysis of turbomachinery with a focus on centrifugal compressors. The focus will be on the practical application of the tools and the results or deliverables that one can obtain from them. Comments will also be offered on the current ability of these tools to accurately predict component or compressor performance.
Presenter: James Sorokes, Principal Engineer Siemens (formerly Dresser-Rand)
Entree selections: Dinner will be a sit down meal, dinner selections: grilled stuffed pork chop; or breast of chicken with sausage sage stuffing topped with spinach & red pepper cream sauce; or blackened tilapia with herb and citrus butter. Dinners will include garden
salad, warm garlic breadsticks, sautéed seasonal vegetables, potatoes or rice. A cash bar will be available for beverages.

**Cost:** $25 members, $30 non-members/guests

**Credits for Education:** 1 PDH (approval pending)

**Contact for Reservations:** RSVP by Friday April 15, 2016. Visit the ASME Buffalo web site for additional information and on-line registration:

https://community.asme.org/buffalo_section/default.aspx/

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**AWMA - Air & Waste Management Association - Niagara Frontier Section**

**Topic:** UB Senior Project

**Topic:** UB Senior Student Engineers

**Date:** Thursday, April 21, 2016

**Time:** 5:30 pm Social Hour/Cash Bar
6:30 pm Buffet Dinner and Presentation

**Location:** Ramada Hotel and Conference Center
2402 North Forest Road, Getzville, New York 14068

**Cost:** $25 - International Members and YP
$30 - Local Members
$35 - Non-Members
$10 - Full Time Students (w/valid ID)

see website (awmanfs.wildapricot.org) for additional details and to register

**Contact for reservations:**

www.awmanfs.wildapricot.org, Mark Hans @ 716-860-0570 or amwanfsreservations@gmail.com

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**ASM – Upcoming Events**

**April 21, 2016:** Student Night. Speaker Dr. Alan Duckham. "Precious Metals - Much more then Jewelry.

**May 2016:** Tour of North American Hoganas

**June 2016:** Golf Outing

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**American Society for Quality**

**MEMBERSHIP DINNER MEETING PROGRAM (2015-2016)** RSVP requested by 7:00 p.m. Monday prior to the meeting.

**PROGRAM NOTES** – Speakers are subject to change. Be sure to consult the ASQ website and email announcements for current program dates, speakers and topics. Unless otherwise stated in the program schedule, meeting start times and agenda are as follows:

**MEETING AGENDA**

Networking............................................ 5:30 - 6:15 p.m.

Dinner................................................... 6:15 - 7:15 p.m.

Presentation.......................................... 7:30 - 8:15 p.m.

Q & A.................................................... 8:15 - 8:30 p.m.

$25.00 Members $25.00 Non-members

$15.00 Student/Unemployed members

$15.00 Retired

**Thurs., April 21st, 2016**

“How to Deal in a Regulated Environment”

Matt Rigerman

Reichert Technologies

(Millennium Hotel)

**Thurs., May 19th, 2016**

“Why Lean and Six Sigma Fail”

Thom Marra

Marra & Associates, LLC

(Millennium Hotel)

**Thurs., June 16th, 2016**

Plant Tour or TBD

**REGION 2 Councilor**

Jorge L. Romeu ~ ASQ Director

Region II

jlromeu@verizon.net

(315) 476-8994
AWMA – Upcoming Events

Organization: Air & Waste Management Association - Niagara Frontier Section

see website (awmanfs.wildapricot.org) for additional details and to register

April 21, 2016 - Tour at UB (tentative)

May 26, 2016 - Annual Scholarship and Awards Banquet

AWMA - Air & Waste Management

Event: 26th Annual Envirun 5K
Date: Saturday, April 23, 2016
Time: 10:30 AM start
Location: Whirlpool State Park
    Niagara Falls, New York
Cost: Until April 20 –
    $22 for 18 years old and over
    $15 for under 18 years old
    After April 20 –
    $27 for 18 years old and over
    $15 for under 18 years old

See website (www.awmanfs.wildapricot.org) for additional details and registration information.
Future Events: April 21, 2016 - Tour at UB (tentative)
May 26, 2016 - Annual Scholarship and Awards Banquet

You are invited to the following event:

UB ENGINEERING AND APPLIED SCIENCES SENIOR DESIGN EXPO

You are cordially invited to join us at the 2016 Senior Design Expo on May 6th in Davis Hall on UB's North Campus. Students from multiple departments will be presenting their senior design projects from the past semester to faculty, students and industry partners.

This experience represents a great opportunity for students to present their final, major undergraduate endeavor to an audience that can test their technical thinking and communication. It is also a great way for industry to explore potential for future engagement with the senior design course.

We kindly request that you RSVP by Friday, April 22nd. Feel free to forward this to your colleagues. We will follow up with parking information closer to the event.

Over 130 engineering projects will be presented. The schedule for poster sessions is as follows:

Session I: ISE projects (12-1:30 PM)
Industrial Engineering projects involving industry partners.

Session II: BME-1 | CBE-1 | CSEE | MAE-1 projects (2-3:30 PM)
A mix of industry-sponsored and self-defined Biomedical, Chemical, Environmental and Mechanical Engineering projects.

Session III: BME-2 | CBE-2 | EE | Interdisciplinary | MAE-2 (4-5:30 PM)
A mix of industry-sponsored and self-defined Biomedical, Chemical, Electrical, Interdisciplinary (Civil + Mechanical) and Mechanical Engineering projects.
ISA Tech Expo 2016  
Technical Educational Program  
Tuesday, April 12, 2016 at the Buffalo Marriott Niagara

8:30 - 9:45 AM  
8:30 - 9:45 AM  
Presenter: Scott Hunt – Flow Specialist, Rosemount Inc.  
Discover challenges, best practices, and opportunities for cost savings surrounding flow measurements of process fluids such as chilled water, hot water, steam, condensate, and compressed air. In addition to understanding measurement techniques, the participant will learn how to utilize measurements for fluid conservation and energy savings.  
Presenter: Scott Hunt – Flow Specialist, Rosemount Inc.

**Tank Vapor and Flame Control Equipment**  
10:00 - 11:15 AM  
Presenter: Nick Marocchi - Eastern Regional Sales Manager, The Protectoseal Company  
Learn about the necessity and techniques for conserving product in liquid storage tanks, including tank blanketing systems, pressure/vacuum conservation vents, relief vents, and flame arresters. This presentation will also address flammable and hazardous liquid storage and protection from fire and explosion, including the difference between flame arrestors and detonation arrestors. Proper P/V vent sizing and the technology behind how proper sealing is achieved will also be discussed.

**Flowmeters - How to Specify and Apply**  
11:30 - 12:45 PM  
Presenter: Friedrich Purkert, System Development Engineer, Praxair, Inc. (retired)  
Details surrounding the basics of flow measurements will be addressed, including: fluid flow classifications, types of flow meters, installation considerations, flow metering instrumentation, and flow calculation programs. The presentation will cover such items as mass flow, velocity, volumetric, inferential, pressure relationships, Bernoulli equation, Reynolds number, viscosity, vortex, ultrasonic, electromagnetic, coriolis, thermal mass, variable area, turbine, orifice, flow profiles, conditioning, ducts, weirs, channels, flow computers, controllers, differential transmitters, ANSYS, Flowmaster, Pipeflow, and ABZ Inc.

**Industrial Hose Selection, Installation, and Troubleshooting**  
1:00 - 2:15 PM  
Presenter: Bryan Karre, Engineering and Assembly Manager for Swagelok WNY  
This presentation will address hose specification development, selection criteria, installation procedures, and preventative maintenance. The discussion will include techniques for maximizing hose performance and cycle life as well as methods for troubleshooting hose problems and hose preventative maintenance mapping.

Registration: visit www.isa-niagara.org/tech-expo-2016 or contact Joe Cipriani at 716-440-3487, joe.cipriani@emerson.com.  
Cost: $25.00 for members, students, seniors, and veterans; $30.00 for non-members  
1.5 PDH per seminar is available upon request.
ABCD of WNY

Organization: ABCD of WNY
Event: Annual May Meeting
Date: Thursday, May 19, 2016
Time: 5:30 PM start
Location: Red Osier Landmark Restaurant
Stafford, New York

Cost:
$30 Members
$35 Non-members
$20 Full Time Students

Choice of Prime Rib of Beef, Fresh Chicken Almond, Grilled Salmon or Vegetarian Lasagna.
Contact Rick Kotecki at rkotecki@roadrunner.com or (716) 432-8684 for reservations

Future Events: June 16, 2016 Annual Scholarship Golf Tournament at Terry Hills in Batavia, NY