

## Rocky Mountain AIChE News

April 2015

Volume 24 Number 7

### April Section Meeting: A Celebration of Students! Also, Design of Double Containment Piping Systems

This seminar will go over design guidelines and best practices for double containment piping systems. Topics covered include applications, material selection, system design, and leak detection methods.

#### Learning Objectives:

- Understanding the EPA regulations behind double containment piping
- Understanding the purpose of double containment piping systems
- Understanding the system design requirement differences for the carrier and containment piping
- Understanding the different leak detection options
- Applications (Traditional and non-traditional)

Diana Mollicone is an Applications Engineer at IPEX. Diana's primary focus, within IPEX, is providing technical support for the design and installation of plumbing and process piping systems. She received her Bachelor's Degree in Materials Engineering in 2010 from the University of Toronto as well as her Master's Degree in Mechanical Engineering from Ryerson University in 2012. Diana is a licensed professional Engineer in the province of Ontario. Prior to joining IPEX, Diana spent two and a half years in the consulting industry as a Piping Engineer for mineral processing plants. Since joining IPEX in 2013, she has been involved with thermoplastic piping system applications for various industries. Combined, Diana has over 4 years working with piping engineering and design.

### April Section Meeting

<b>Topic:</b>	A Celebration of Students! Also, Design of Double Containment Piping Systems
<b>Speaker:</b>	Diana Mollicone, IPEX USA LLC
<b>Date:</b>	Tuesday, April 21
<b>Time:</b>	<b>6:00</b> Networking/Viewing of state science fair posters & CSM student posters in Petroleum Hall <b>6:30</b> Dinner <b>7:15</b> Science Fair Winner Presentations <b>7:40</b> CSM AIChE section Chem-E car demonstration in the lobby <b>8:00</b> Presentation
<b>Location:</b>	<a href="#">Colorado School of Mines Green Center</a> in the Petroleum Hall and the Grand Lobby
<b>Cost:</b>	Members: \$20 (w/RSVP)* Non-Members: \$25 Unemployed: \$10; <b>Students FREE</b>
<b>Menu:</b>	Buffet of pizza, gluten-free pizza, salad, cookies, iced tea, coffee, and water

Please RSVP by **noon on Thursday, April 16** at [rockyaiche@yahoo.com](mailto:rockyaiche@yahoo.com) indicating your name, phone number, menu choice, number of attendees and pay at the meeting. Or you may RSVP and pay online using [PayPal on our meeting link](#).

\*Add \$5 for attending meeting without RSVP

## Volunteer Judges Needed for the State Science Fair at CO State University April 9 in Fort Collins

This year the State Science Fair will be held in the Lory Student Center, North Ballroom on the Colorado State University campus in Fort Collins. Judging will be held on April 9, between 12:15 p.m. and 5:00 p.m. As always we have a need for any member to participate. We are special judges, who hone in on projects that have a Chemical Engineering focus.

A judges meeting starts around 12:00 noon at one of the rooms on the same floor as the ballroom. Yummy pizza, soda, and cookies are provided for our gastronomical delight.

If you wish to judge this year please contact Michael Mutnan at 303-423-1586 or via e-mail at [mmutnan@juno.com](mailto:mmutnan@juno.com). I will add your name to our official list. You will then receive a judge's packet and have your official credential waiting for you. If you become a walk in, you will receive a hand written badge.

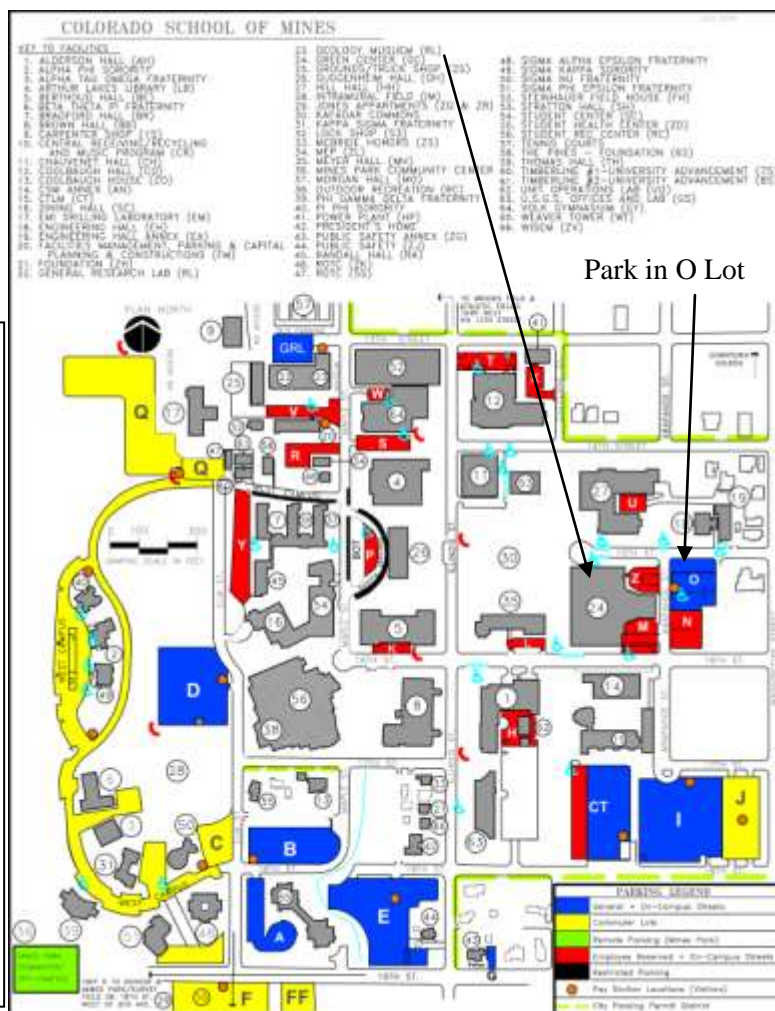
If anyone wants to review the projects, they will be available at the end of February or the beginning of March. You can find them at <http://www.csef.colostate.edu/>. Find the hot button for project papers or some other similar title.

This is a very intense, but fun day. The section would love to have you there.

### Meeting Location: [Colorado School of Mines Green Center](#) in the Petroleum Hall and the Grand Lobby.

#### Directions from downtown Denver:

Take 6<sup>th</sup> Avenue west towards Golden. Turn right on 19<sup>th</sup> Street. Turn left on Illinois Street. Turn right on 16<sup>th</sup> Street. Turn left on Arapahoe Street and park in the lot on your right. It is building #24 (Green Center) on the map and parking is the blue lot labeled O (free after 5 p.m.).



Send your email address to [mnoes@ekiconsult.com](mailto:mnoes@ekiconsult.com) to receive this newsletter electronically!

## AIChE Meetings

### 2015

- Apr 17-19 Rocky Mountain Student Regional Conference  
Boulder, CO
- Apr 26-30 2015 Spring Meeting and 11th Global Congress on Process Safety  
Austin, TN
- May 13 Spring 2015 Virtual Career Fair  
Register Online
- May 19-21 CCPS Middle East Process Safety Conference  
Abu Dhabi, UAE
- May 26-29 ICOSSE 2015  
Balatonfüred, Hungary  
Anna Grand Hotel
- June 2-4 Process Development Symposium  
Houston, TX

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Rocky Mountain AIChE News is published eight times a year by the Rocky Mountain section of AIChE. Opinions expressed herein are those of the authors and are not necessarily those of AIChE nor the officers of this section.

The objectives of AIChE are to advance chemical engineering in theory and practice, to maintain a high professional standard among its members, and to serve society, particularly where chemical, engineering can contribute to the public interest.

AIChE Rocky Mountain is a public non-profit 501(c)(3) organizations and thus any and all donations are tax deductible.

## Rocky Mountain AIChE News Publication Schedule

### May 2015 issue

Articles due Wednesday, May 4

Publish on Friday, May 6

Meeting on Tuesday, May 17

## MEETING SCHEDULE

*The Rocky Mountain District of AIChE generally meets the third Tuesday of every month, September through November and January through May.*