

## Rocky Mountain AIChE News

January 2023

Volume 32 Number 5

### January Section Meeting: Introduction to Semiconductor Manufacturing

This session will be an introduction to semiconductor manufacturing, starting at the ingot production and transitioning to final packaging. Wafer-contacting techniques such as Lithography, Epitaxy, Wet Etch, Dry Etch, Ion Implant and Metrology will be introduced. Furthermore, facility systems such as, chemical and gas distribution and safety monitoring systems will be discussed. This serves as background for prospective future sessions around semiconductor manufacturing, and an intro for anyone who may be interested in this as a future career move.

#### *Speaker*

#### *Biography:*

Nick Skadberg is a mechanical engineering graduate of Colorado State University and a licensed professional engineer in mechanical and controls engineering. His experience is in a combination of energy, vaccines & biologicals and semiconductor plant and tool design. His specialty is toxic gas management systems, life safety systems and risk management/loss prevention in the semiconductor industry. Nick is the Process Engineering Manager for Shermco Systems



### January Section Meeting

**Topic:** Introduction to Semiconductor Manufacturing

**Speaker:** Nick Skadberg, Shermco Systems Integration

**Date:** Tuesday, January 31<sup>st</sup>

**Time:** 6:00 – Introduction  
6:05 - Career Discussion  
6:15 - Technical Presentation  
7:15 – Q & A

**Cost:** Free

**REGISTRATION REQUIRED.** More information can be found on our [website](#).

[Register](#)

After you register, you will receive instructions via email for joining the meeting.

Integration and leads their engineering group for the semiconductor industry.

## AIChE Meetings

### 2023

- Mar 12-16 [2023 Spring Meeting & 19<sup>th</sup> Global Congress on Process Safety](#)  
Houston, TX
- April 14-15 [2023 Rocky Mtn Student Regional Conference](#)  
Laramie, WY
- April 18-20 [4<sup>th</sup> Engineering Cosmetics and Consumer Products Conference](#)  
Plainsboro, NJ
- May 1-4 [2023 OffShore Technology Conference](#)  
Houston, TX
- May 30-Jun 2 [2023 Synthetic Biology: Engineering, Evolution and Design \(SEED\)](#)  
Los Angeles, CA

### National AIChE Contact Info

**AIChE Customer Service Center:**  
(US/Canada): 1-800-AICHEM  
(1-800-242-4363)  
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**E-mail:** CustomerService@aiche.org  
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New York, NY 10005  
**Web Page:** <http://www.aiche.org>

## Rocky Mountain Local Section AIChE Officers

Marc Paffhausen	Chair	406/544-5871 <a href="mailto:marcpaff43@gmail.com">marcpaff43@gmail.com</a>
Nick Skadberg	Program Chair	970/690-7227 <a href="mailto:nick@skadberg.us">nick@skadberg.us</a>
Pete Sharpe	Treasurer	713/409-7360 <a href="mailto:Pete.Sharpe@emerson.com">Pete.Sharpe@emerson.com</a>
Mike Mutnan	Secretary	303/423-1586 <a href="mailto:michaelmutnan@live.com">michaelmutnan@live.com</a>
Kevin Milliman	Director	303/515-1027 <a href="mailto:Kmilliman94@gmail.com">Kmilliman94@gmail.com</a>
Mike Moes	Communication	303/915-1238 <a href="mailto:mmoes@ekiconsult.com">mmoes@ekiconsult.com</a>
Dr. Corey Leclerc	New Mexico Liaison	575/835-5293 <a href="mailto:corey.leclerc@nmt.edu">corey.leclerc@nmt.edu</a>
Kevin Cash	Colorado Liaison	303/273-3631 <a href="mailto:kcash@mines.edu">kcash@mines.edu</a>
Kate Morrissey	Montana Liaison	406/994-2289 <a href="mailto:kathryn.morrissey1@montana.edu">kathryn.morrissey1@montana.edu</a>
Dr. Patrick Johnson	U of Wyoming Liaison	303/766-6524 <a href="mailto:pjohns27@uwoyo.edu">pjohns27@uwoyo.edu</a>
Dr. Christie Peebles	CSU Liaison	970-491-6779 <a href="mailto:christie.peebles@colostate.edu">christie.peebles@colostate.edu</a>
Stephanie Kwon	Colorado Young Professional Chair	<a href="mailto:mkwon@mines.edu">mkwon@mines.edu</a>
<b>Open</b>	<b>Liaison for other states including South Dakota and Wyoming</b>	
Laura Moes	Editor and Web Admin	303/770-2432 <a href="mailto:lauramoes@msn.com">lauramoes@msn.com</a>

Rocky Mountain AIChE News is published nine times a year by the Rocky Mountain Local Section (RMLS) 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.

## MEETING SCHEDULE

*The Rocky Mountain Local Section (RMLS) of AIChE generally meets the second or third Tuesday of every month, September through May.*