

February Section Meeting: Minimizing the Electrochemical Reaction Process of Galvanic Corrosion

Tim Hurley, Sr. Product Manager with [Garlock Pipeline Technologies](#) (GPT) of Wheat Ridge, will be discussing the electrochemical reaction process of galvanic corrosion and the products that minimize corrosive effects in process equipment.



Tim Hurley has worked for GPT for 31 years and is currently in the sealing technology products area. Tim earned a BS in Marketing from the Rochester Institute of Technology and graduate coursework in Business, Management, and

Marketing at Crouse-Hinds Management School / Syracuse University. He is trained in Lean Design Six Sigma, Strategic Innovation, Advanced Presentation Skills, Cathodic Protection and Corrosion. His experience, memberships, and accomplishments include:

- Holds two patents
- Past member of API, VMA, STLE and ASIE
- Author of multiple articles concerning sealing and isolation products
- Global presenter of sealing/isolation concepts and sealing innovation

February Section Meeting

Topic:	Minimizing the Electrochemical Reaction Process of Galvanic Corrosion
Speaker:	Tim Hurley, Sr. Product Manager with Garlock Pipeline Technologies
Date:	Tuesday, February 21
Time:	5:30 – Networking 6:00 – Dinner 7:00 – Presentation
Location:	Wrigleys Chicago Bar & Grill 18200 W. Colfax Ave. Golden, CO 80401
Menu:	Slow roasted roast beef, marinated grilled chicken, mashed potatoes, vegetable medley, dinner salad and rolls
Cost:	\$20 Members (w/RSVP)* \$25 Non-members \$10 Students / Unemployed

RSVP by Friday, February 17 at rockyaiche@yahoo.com indicating your name, phone number, number of attendees. Or you may RSVP and pay online using [PayPal on our meeting link](#).

*Add \$5 for attending meeting without RSVP

Casting Call for Science Fair Judges

At the start of each year, our Section initiates planning for providing judges for the State Science Fair. Our Section awards a 1st and 2nd place, respectively, in the Junior and Senior High Divisions. The award consists of a certificate and a cash prize (well, a check). The winners are also invited to our April meeting.

Judging is held at Colorado State University in the Lowry Student Center. You can learn more about the Science Fair at www.csed.colostate.edu. In mid to late March, the web site will contain a synopsis for each project. You can then review each project. We are classified as Special Judges since our judging criteria consists of reviewing student projects with an emphasis on Chemical Engineering principles. The date is April 6th from 12:15 – 5 pm.

If you are interested please contact Michael Mutnan, our Section Coordinator, at 303-423-1586 or mmutnan@juno.com. He will register you at the website and you will receive a judging packet in the mail at the end of March. If you are a last minute judge, please come to the Lowry Center and you will register at that time. In the past parking has been at the CSU Equestrian Center where bus service will take you to the campus.

This is a very intense day for judges, but well worth the effort. Michael highly recommends it.

March Section Meeting is
scheduled for March 21 in
Greenwood Village

SME Symposium Announcement

The Society for Mining, Metallurgy & Exploration (SME) will hold a Sustainability Symposium in Denver in which AIChE has been a planning partner (and there are some AIChE member presenters).

[Engineering Solutions for Sustainability: Materials and Resources \(ESS: M&R 3\)](#)

Dates: February 18-19, 2017

Location: Hyatt Regency at Colorado Convention Center in Denver, Colorado

Winners of the AIChE Engineering 4 Good Competition

You may remember a notice in the September 2016 Rocky Mountain section newsletter about the AIChE Engineering 4 Good Competition requesting proposals for “Toolkits” that could be used for potential Engineers Without Borders (EWB) projects. For those not familiar with the terminology of a toolkit, it is often used to describe information that provides for guidance or basic knowledge to aid in the accomplishment of a task.

The winners of the 2016 challenge have been selected. Cash prizes of \$3000, \$2000 and \$1000 were awarded. Congratulations!

1st Place -Miami University (Ohio) EWB - "[Keratin-based Adsorbents for the Removal of Heavy Metals from Water](#)"

2nd Place - Institut Teknologi Bandung, Indonesia AIChE - "Electricity-free Ultrafiltration Membrane"

3rd Place - Columbia University EWB - "Toolkit for Water Purification Solutions".

AIChE Meetings

2017

- Feb 18-19 [Engineering Solutions for Sustainability: Materials and Resources 3](#)
Denver, CO
- Feb 28-Mar 1 [9th Annual Midwest Regional Conference](#)
University of Illinois at Chicago (UIC)
- Mar 12-15 [5th Int'l Conference on Accelerating Biopharmaceutical Development](#)
Scottsdale, AZ
- Mar 19-22 [7th International Conference on Bioengineering and Nanotechnology](#)
Chicago, IL
- Mar 26-30 [2017 Spring Meeting and 13th Global Congress on Process Safety](#)
San Antonio, TX

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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.

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