

DISTILLATES

American Institute of Chemical Engineers Indianapolis Section

visit us at www.indyaiche.org

October 2011 Newsletter

Editor: Kevin Keating

October Meeting – Plant Tour at SerVaas Laboratories Maker of Bar Keepers Friend (www.barkeepersfriend.com)

Date: Wednesday, October 19, 2011

Schedule: 5:30 to 6:40 PM for Tour -- Dinner and Networking will follow the program.

Description: Bar Keepers Friend is a premium all-purpose cleanser and has been manufactured in Indianapolis for more than 100 years. Please plan on joining us for the tour. Paul SerVaas, President and Dr. Erin Rissi, Vice President of Research and Development at SerVaas Laboratories will be hosting the tour and answer any questions. As a bonus, all attendees will be awarded a can of cleanser.

Location: SerVaas Laboratories Inc. is located at 5240 Walt Place, Indianapolis, IN 46254 (Please note the new address. The company has been operating in this building since February.)

RSVP: Please RSVP with Alan Schmidt at aschmidt@idem.in.gov or telephone (317) 233-5190 at work during the day or at his cell phone (317) 695-5741. Please provide your name, company, and telephone number to make a tour reservation or to cancel if your plans change.

Dinner: Dinner and networking is planned after the tour. Expenses will be covered by the chapter for local members to encourage attendance. Indy's west side has several ethnic restaurants serving foods from South America, Europe, Africa or Asia. A directory is available at www.indyethnicfood.com (search by zip code or area). We will select one of the nearby restaurants. Choices include:

- King Wok (Vietnamese), 4150 Lafayette Road
- Abyssinia Ethiopian Restaurant, 5352 W 38th St
www.abyssiniarestaurant.com
- Machu Picchu, (Peruvian), 5356 W 38th St
- Boston Market, (American) 5665 Georgetown Rd.

From the Chairman ...

The Indianapolis Section of the American Institute of Chemical Engineers offers plant tours as a highlight for member participation in addition to educational outreach efforts and attending engineering presentations. Examples include:

- Plant tours have included the following companies since 2009:

Company	Expertise	Website
Knauf Insulation	Complex to manufacture insulation	http://www.knaufusa.com
Organic Power Solutions	Pyrolytic research for waste to energy	www.organicps.com
Stellar Wind Bio Energy LLC (Stellarwind Bio Energy, LLC has restructured itself as a C-corporation re-named Algaeon Inc.)	Algae to oil	www.stellarwindbioenergy.com www.algaeon-inc.com
Xylogenics, Inc.	New yeasts to convert cellulosic waste to ethanol	www.xylogenics.com
Sanitec Industries, Inc.	Microwave equipment to destroy infectious medical waste	www.sanitecind.com
Heritage Environmental Services LLC	Industrial waste management	www.heritage-enviro.com

- The local AIChE section will be having a table/booth on **Saturday, NOVEMBER 5 from 10am to 3pm** at the Children's Museum of Indianapolis as one of the organizations invited to participate in the National Chemistry Week 2011 activities by the Indiana Section of the American Chemical Society. This year's theme will explore the positive impacts of chemistry as it relates to nutrition, hygiene, and medicine. The event offers hands-on chemistry activities appropriate for children under 14 years old and their families. We are considering a demonstration for Soap Film Shape. Other options include the Chemical Match Game where the children can read a clue, see pictures, and/or objects and match them with a chemical engineering practice or chemical element. **Let me know by October 23 if you can volunteer for 2 hours to help out.**

- Our website has been updated. See the 2 new large ‘buttons’ to the main page. Check it out at www.indyaiche.org.

We appreciate any comments or suggestions for future activities. Prospective members may join the local chapter through the dues statement of the national AIChE or by paying our treasurer, John Elliott, \$11 to join the local chapter. Also opportunities are available for members to become officers.

Many thanks to your continued support,

Thomas E. Leas PE

Chairman, Indianapolis Section of AIChE

[TLEAS at idem.IN.gov](mailto:TLEAS@idem.IN.gov) 317 (317) 234-4051 - day work

Meeting Activities for Indianapolis 2011 - 2012

Date	Activity
September 20, 2011	Networking and Planning Meeting
October 19, 2011	Plant Tour at SerVaas Laboratories
November 5, 2011	National Chemistry Week at the Children’s Museum
December 2011	TBD
January 2012	TBD
February 2012	TBD
March 2012	TBD
April 2012	TBD
May 2012	TBD
June 2012	TBD

Welcome to your AIChE

The global professional community for nearly 40,000 chemical engineers in 93 countries. AIChE provides members with technical resources as well as tools to manage their careers and lives. Expand your AIChE world at <http://www.aiche.org/index.aspx>.

Renew your yearly AIChE membership for 2012 @ <http://www.aiche.org/MemberCenter/Renew.aspx>

Services available from AIChE National;

Visit the <http://www.aiche.org/> web site to find information, visit forums, renew membership, or find benefits, career listings, and other advice from our national headquarters. Current items include those shown below;

Job Hunting?

CareerEngineer is still the only job posting system built exclusively for chemical engineers. New listings appear daily. Be sure to visit CareerEngineer at http://careerengineer.aiche.org/c/search.cfm?site_id=1932

Also from AIChE National

- **International Congress on Energy** - October 16-21, 2011, Minneapolis, MN
- **2011 AIChE Annual Meeting** - October 16-21, 2011 – Minneapolis Convention Center, Minneapolis, MN. See the following website; <http://www.aiche.org/Conferences/AnnualMeeting/index.aspx>

The AIChE Annual Meeting is the premier educational forum for chemical engineers interested in innovation and professional growth. A wide range of subjects relevant to latest research and newest technologies in emerging growth areas will be covered.

Core Programming Areas

AIChE Programming at the Annual Meeting is predominantly in the Core Programming Areas. Core Program Areas are composed of Forums and other Core Programming Areas (Divisions). For additional information refer to this year's – [Core Group Program Contacts](#).

Forums / Symposium:

- [Particle Technology Forum \(03\)](#)
- [North American Mixing Forum \(NAMF\) \(06\)](#) [Computational Molecular Science and Engineering Forum \(CoMSEF\) \(21\)](#)
- [Nanoscale Science and Engineering Forum \(NSEF\) \(22\)](#)
- [Sustainable Engineering Forum \(SEF\) \(23\)](#)
- [Chemical Engineering & the Law Forum \(24\)](#)



The AIChE Chicago Local Section and the Department of Chemical Engineering at the University of Illinois at Chicago (UIC) are holding AIChE's 2011 Midwest Regional Conference on November 10 and 11.

The sessions will feature invited presentations by leading governmental, industrial and academic professionals and focus on the challenges and the opportunities involved in our profession. With a thought provoking theme of "Energy is everything – Game Changers", this year's talks will help us better understand the many aspects of this critical topic.

A featured aspect of the symposia is a high school student outreach program for local schools. The featured speaker is Dr. Al Sacco — Dean of College of Engineering at Texas Tech University and former NASA astronaut.

Other highlights include sessions designed for young professionals and local university research programs and updates.

This is a great opportunity to earn Professional Development Hours at this meeting, which may be used to satisfy continuing professional competency for P.E. and other licenses.

For more information and registration please visit the following website:
<http://midwestregional.aiche.org/>

- **AIChE Northeast Regional Conference at the CHEM SHOW** - November 1-3, 2011, New York, NY
- **SBE Conference on Electrofuels Research** - November 6-9, 2011, Providence, Rhode Island

Call for Officers – Indianapolis AIChE

We are looking for members who would like to become officers for the 2011-2012 year including those wishing to start the climb to the role of Section Chairmanship. There are committee chair openings, if you can help or have an interest, the officers will help you with a committee.

Fellow Chemists: The **Indiana Section of the American Chemical Society** is proud to announce its newly refurbished Indiana Section Website...

[Indiana Local Section - Home](#) or <http://indiana.sites.acs.org/>

Science and Engineering Presentations:

Sciencetech meetings are held nearly every Monday at the Northside Knights of Columbus just west of Keystone on 71st Street starting at 11:15 am with a buffet luncheon (\$10.00 or \$2.00 for beverages only). Announcements and introductions are at noon, followed by the presentation which continues to 1 pm. Some meetings may be replaced with a tour of some place of interest. Any exceptions are noted in the calendar listing below.

Calendar of Events

- October 17 - **A Journey Of A Lifetime - Gonz Chua**
- October 21 - **Sciencetech Evening Meeting at Woodland Country Club**
- October 24 - **Evolution of a Battle Rifle - M14 to MK 14 and also 20mm AMR - New Use for Unused Ammo - David Armstrong, Crane Naval Weapons Center**
- October 31 - **Sherlock Holmes and the Beginning of Modern Forensic Science - David Zauner, Vice President of The Illustrious Clients**
- November 7 - **Purpose and Mission of the D.J. Angus Foundation - George Cunningham**

For further details, contact Dr. Alan Schmidt at (317) 233-5190 or 695-5741. For later Monday programs check the Sciencetech calendar at [Sciencetech Presentation Schedule](#) or <http://www.sciencetechclub.org/programs/calendarpagaccss.html>

Officers and Volunteers for 2010 - 2011

Chairman	Thomas Leas, IDEM, 317-234-4051
Vice-Chairman	Mike Wertz, Heritage Enviro. Services., 317- 486-2778
Secretary/Treasurer	John Elliott, IDEM, 317-233-0703
Past Chairman	Dr. Alan Dale Schmidt, IDEM, 317-233-5190
Webmaster	Karl Schnelle, Dow AgroSciences LLC, 317-337-3140
Newsletter Editor	Kevin Keating, Eli Lilly, 317-651-1698

Link to Indianapolis chapter website: <http://www.indyaiche.org>