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American Institute of Chemical Engineers [Indianapolis Section](#)

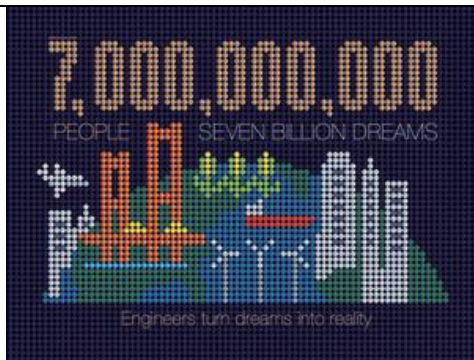
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February 2012 Newsletter

Editor: Kevin Keating

February includes – National Engineers Week

7 billion people. 7 billion dreams. 7 billion chances for engineers to turn dreams into reality



The theme for 2012 is based on the projected world population of 7,000,000,000. There are many challenges facing our world that require immediate engineering solutions. The National Engineers Week Foundation delivers programs and resources used by partners locally, nationally and internationally to help the next generation of talent to meet and overcome these challenges.

February Meeting – National Engineers Day at The Children's Museum

Date: Saturday, February 18, 2012 **Schedule:** 10:00 A.M. to 3:00 P.M.

Location: The Children's Museum of Indianapolis, The museum is located at: 3000 N. Meridian St., Indianapolis, IN, 46208. Further details on the location are available at: <http://www.childrensmuseum.org/visit>

Presentation and RSVP: Volunteers can sign up in 1-hr time slots from 10 to 3 to help with the event. Please respond by February 13 at <http://www.cis-ieee.org/eweek/volunteer.asp>. The LCH form for a limited background check must be submitted if not completed within the last year. Also, RSVP to 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 with your intention of attending.

Price: Free

From the Chairman ...

The Indianapolis Section of AIChE will be participating in **National Engineers Day at The Children's Museum** on Saturday, February 18th, 2012 for our next meeting activity. The IEEE Central Indiana Section and Indiana Council of Engineering Societies (<http://www.cis-ieee.org/eweek.asp>) are sponsors for the event to increase public awareness about Engineering and to help young students consider Engineering as a career option. We will have a table-top demonstration on the properties of soap. Wire frames are used to generate soap film bubble shapes, which allow kids to see the effects of surface tension and surface area minimization. Interesting soap film shapes that may be observed include a hypercube – a physical representation of a four-dimensional cube. Iridescent colors due to light reflecting off the inner and outer layers of the soap film also can be seen.

Volunteers can sign up in 1-hr time slots from 10 to 3 to help with the event. Please respond by February 13 at <http://www.cis-ieee.org/eweek/volunteer.asp>. The LCH form for a limited background check must be submitted if not completed within the last year. Also, RSVP to 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 with your intention of attending.

Once again we need to consider new officers for the local AIChE Section. Mike Wertz will be the Chairman for 2012/2013 but we need a volunteer for the Vice Chairman position. Please contact me if you are interested or know of a chemical engineer that we may contact. Elections will be in May.

Best regards,

Thomas E. Leas PE

Chairman, Indianapolis Section of AIChE

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 | Holiday – no meeting |
| January 23, 2012 | Indianapolis Section AIChE and Sciencetech Joint Meeting |
| February 18, 2012 | National Engineers Day at The Children's Museum |
| March 2012 | TBD |
| April 2012 | TBD |
| May 2012 | TBD |
| June 2012 | TBD |

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.

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

- [Carbon Management Technology Conference](#) - February 7 - 9, 2012, Caribe Royale Hotel & Convention Center, Orlando, FL
- [Sustainability in Biopharma](#) - February 19-22, 2012, Sheraton Old San Juan, San Juan, Puerto Rico
- [AIChE Spring Meeting and 8th Global Congress on Process Safety](#) - April 1 - 5, 2012, Houston Hilton and George Brown Convention Center, Houston, TX
- [3rd International Conference in Stem Cell Engineering](#) - Sheraton Seattle, Seattle, WA, April 29 - May 2, 2012
- [Process Development Symposium](#) - King of Prussia, PA, June 5-7, 2012

Officers and Volunteers for Indianapolis AIChE

We are looking for members who would like to become officers for the 2012-2013 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 - Sciентech

- February 13 - **Yosemite National Park: An Illustrated History** - Bill and Lou Stanley
- February 20 - **New Directions in Medical Education in Indiana** - Dr Paul Evans DO, FAAFP, FACOFP, VP and Dean, Marian University College of Osteopathic Medicine
- February 27 - **Knights of Malta** - Roger Robison, MD
- March 5 - **The Indiana Institute For Personalized Medicine** - Dr. David A. Flockhart
- March 12 - **Doing Business in China** - Josette C Rathbun, CFP, MBA

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

Officers and Volunteers for 2011 - 2012

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|---------------------|---|
| 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>