



**SPE & MBGS Meeting
Students Welcome!**

May 8, 2013

Michigan State University
Natural Science Building
Room 204
MSU map provided on Page 3

**Topic:
How Oil Improves the Planet
By Alex Epstein**

7:00 PM – Presentation
Light refreshments served after presentation
No Cost

Please RSVP by May 6th to ensure there is adequate seating available.

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Society of Petroleum Engineers



How Oil Improves the Planet

Alex Epstein

Abstract: Nearly all the opposition to the oil industry, from anti-frac'ing laws to the decision to block Keystone XL, is driven by one idea: oil is bad for our environment. This idea is devastating to the industry's ability to defend itself--environment is an important moral issue, and so-called environmentalists have owned it. In "How Oil Improves the Planet," energy philosopher Alex Epstein makes the powerful case that oil improves our environment, and explains how he has used this idea to inspire thousands to change the way they think about oil.

Biography: Alex Epstein is an expert in energy and industrial policy. His writings on energy and energy policy have been published in The Wall Street Journal, Forbes, Investor's Business Daily, and dozens of other prominent publications. He is a Principal blogger for MasterResource, the leading free-market energy blog. Mr. Epstein's monthly podcast, "Power Hour," features discussions with leading energy thinkers including author Robert Bryce ("Power Hungry"), climate scientist Dr. Richard Lindzen (MIT), and energy economist Michael Lynch (EnergySEER). Mr. Epstein's writings on philosophy, business, and energy have been featured in 10 books, including, most recently, *Why Businessmen Need Philosophy*.

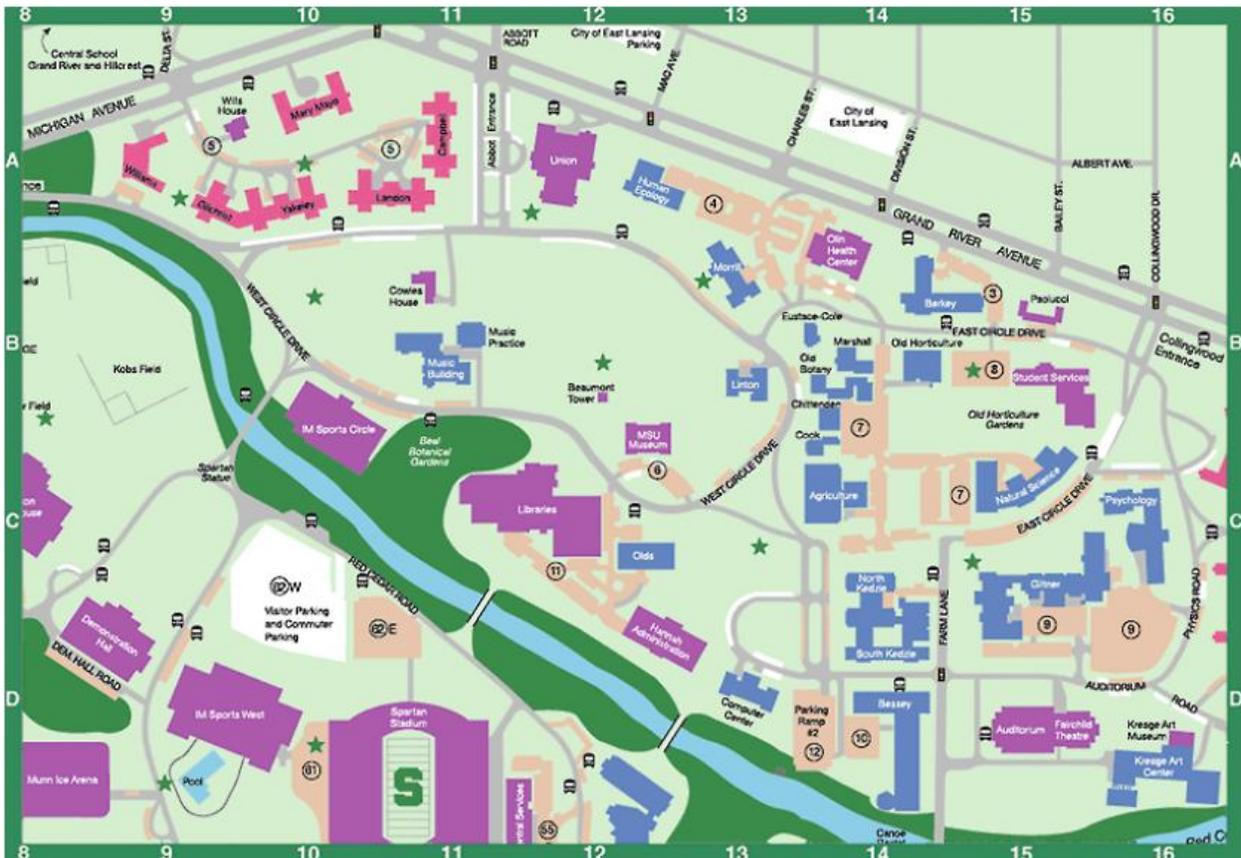
Mr. Epstein's extensive media experience includes hundreds of radio and TV appearances. A seasoned public speaker, Mr. Epstein has spoken at dozens of universities, including Duke, Berkeley, UCLA, and Northwestern, as well as a diverse range of organizations, from The Federalist Society to the NAACP. Mr. Epstein receives rave reviews for his depth of knowledge, his ability to break down even the most complex issues, and his infectious passion for the power of energy to improve human life.

Mr. Epstein is an alumnus of Duke University, where he studied philosophy and computer science. Prior to founding the Center for Industrial Progress, he was a Fellow at the Ayn Rand Institute specializing in energy issues. His unique background in practical philosophy, combined with his years of energy research, enables him to provide a rare source of big-picture insight and clarity in today's energy debate. Specialties: *Energy, Environment, Philosophy, Communication*

There is a special invitation to university students for this meeting. Students can attend to learn about the Oil & Gas industry from this motivational speaker as well as mingle with a few Society of Petroleum Engineers and Michigan Basin Geological Society members before and after the presentation.

Map of Michigan State University
Natural Science Building, Room 204
East Lansing, MI 48824

Between 5pm & 6pm you can park in Lot 9 behind Giltner Hall and the Psychology Building (former Physics and Astronomy building) for free. Otherwise you can try your luck with the metered slots clustered around the Natural Science Building and the adjacent Student Services Bldg, no charge after 6.





MICHIGAN SECTION NEWS

<http://connect.spe.org/Michigan/Home/>

2012-2013 Section Executives

| | | | |
|-------------------|-----------------|--------------|--|
| Chairperson: | Sue Burla | 248-205-7414 | susan_burla@transcanada.com |
| Program Chair: | Ben Updyke | 313-235-1115 | updykeb@dteenergy.com |
| Treasurer: | Frank Pochyla | 248-345-8913 | fgpochyla@cmsenergy.com |
| Secretary: | Jessica Thering | 989-835-3950 | JThering@ssoe.com |
| Scholarship Chair | Boyan Makarenko | 248-205-7536 | boyan_makarenko@transcanada.com |

2012-2013 SPE Michigan Section Meeting Schedule

This is the last meeting of the 2012-2013 year. Meetings to resume in fall 2013 for the 2013-2014 year.

2013 Michigan Section SPE Scholarship

The Michigan Section of the Society of Petroleum Engineers (SPE) would like to announce that it will be awarding a scholarship of \$1,000 to a Michigan college student or an incoming college student who is interested in the petroleum and natural gas industry. For a detailed list of the requirements for the scholarship, please see <http://connect.spe.org/Michigan/AboutUs/Scholarships/>.

Request for e-mail addresses

If you received this newsletter by "snail mail", we do not have your valid e-mail address. Please send an e-mail to Jessica Thering so we can update our files and provide information to you on a timely basis.

Advertising Opportunities

If you are interested in advertising in the Michigan Section newsletter, please contact Sue Burla or Jessica Thering. Proceeds from advertising go to the SPE scholarship program.

| | |
|-----------------|----------------|
| Full page ad | \$75 per month |
| Half page ad | \$45 per month |
| Quarter page ad | \$25 per month |

Continued Education

SPE understands the importance of continuing education for keeping skills up to date, improving expertise or learning new techniques.

You can grow your knowledge by attending short programs and courses, such as:

SPE Training Courses <http://www.spe.org/training/courses.php>

American Association of Petroleum Geologists (AAPG) Education programs <http://www.aapg.org/education/>

Michigan Oil and Gas Association's Petroleum Conference
<http://www.michiganoilandgas.org/2013PetroleumConference.aspx>

Field trips with Michigan Basin Geological Society http://www.mbgs.org/field_trips.html

Professional Engineer information: go to www.ncees.org or <http://www.dleg.state.mi.us/bcsc/forms/eng/peexam.pdf> for application process for Professional Engineers License in Michigan.

Upcoming SPE Events:

| Date | Title | Type | Location |
|------------------|--|------------|---------------------------|
| 17 - 18 Apr 2013 | IADC Managed Pressure Drilling and Underbalanced Operations Conference & Exhibition (13MPDU) | Conference | San Antonio, Texas |
| 19 - 25 Apr 2013 | SPE/AAPG Western Regional Meeting (13WRM) | Conference | Monterey, California |
| 24 - 25 Apr 2013 | Reducing Environmental Impact of Unconventional Resource Development (13ADEN) | Workshop | Denver, Colorado |
| 1 - 3 May 2013 | SEG/SPE Seismic While Drilling: Path to Hazard Avoidance? (13JGAL) | Workshop | Galveston, Texas |
| 15 - 17 May 2013 | Liquids Rich Shale...So You Believe in Peak Oil? (13APVE) | Workshop | Rancho Palos Verdes |
| 11 - 13 Jun 2013 | Horizontal Well Completions in North America Shales (13AKEY) | Workshop | Keystone, Colorado |
| 11 - 13 Jun 2013 | SPE Heavy Oil Conference—Canada (13HOCC) | Conference | Calgary, Alberta |
| 16 - 18 Jul 2013 | Distributed Fiber-Optics Monitoring for Well and Reservoir Management (13APV3) | Workshop | Rancho Palos Verdes |
| 21 - 26 Jul 2013 | The Quest to Reduce the Environmental Footprint (13FUS2) | Forum | Asheville, North Carolina |
| 4 - 9 Aug 2013 | 2020 Foresight – Ensuring Educational Excellence for Upstream Engineering Resources (13FUS3) | Forum | Coeur d'Alene, Idaho |
| 12 - 14 Aug 2013 | Unconventional Resources Technology Conference (13URTEC) | Conference | Denver, Colorado |
| 20 - 22 Aug 2013 | SPE Eastern Regional Meeting (13ERM) | Conference | Pittsburgh, Pennsylvania |
| 26 - 27 Aug 2013 | Progressing Cavity Pumps Conference (13PCP) | Conference | Calgary, Alberta |
| 27 - 28 Aug 2013 | Application of Petroleum Resources Management System (PRMS) (13AHOU) | Workshop | Houston, Texas |
| 27 - 28 Aug 2013 | Eagle Ford Shale (13ASA4) | Workshop | San Antonio, Texas |

For information regarding the upcoming SPE conferences or exhibitions, visit the Society for Petroleum Engineers website at www.spe.org.

Other events that might interest you:

Geological Society of America Annual North Section Meeting, Western Michigan University, May 1-4, 2013
<http://geosociety.org/>

MI AIPG 9 th Annual Golf Outing, May 14 th , 2013 –Lyon Oaks, Wixom, Michigan, <http://mi.aipg.org/>

AAPG 2013 Annual Convention & Exhibition, May 19-22, 2013 - David L. Lawrence Convention Center - Pittsburgh, PA www.aapg.org/pittsburgh2013/

Precambrian Oronto Group field trip to Western Upper Peninsula, May 30 -June 2, 2013

This field excursion will allow participants the opportunity to observe and discuss the sediments associated with an aborted protoceanic rift known as the North American Midcontinental Rift System (“MRS”) along the southern shore of Lake Superior. This rift extends from Kansas, into the Lake Superior Geosyncline, interpreted as a triple junction, and continues south and southeast beneath the Michigan Basin. Consisting of volcanic and clastic sediments accumulated within an elongated basin, the Lake Superior portion contains the thickest section of intracratonic rift deposits yet recorded. On this excursion, exposures of the Portage Lake Volcanics, Copper Harbor Conglomerate, Nonesuch Formation, Freda Sandstone and Jacobsville Sandstone and others are planned to be visited. MBGS membership is required. Become a member and join in on the field trip if you are not a member! Applications are available at www.MBGS.org.

Request for feedback

Comments? Questions? Concerns? How can your SPE section serve you better? To voice your opinion on any aspect of section membership, please contact Sue Burla or talk to any of the executives at an upcoming meeting.

Request for Speakers

We are always looking for speakers for upcoming SPE meetings. If you have a talk on a geological or engineering topic, we can provide the audience. Please contact any of the executive staff.