

# Northeast Corridor Zeolite Association Meeting Announcement

*Highlighting the Best in Academic and Industrial  
Zeolite Science and Technology*

**Date:** Friday, December 14, 2012

**Location:** Carolyn Hoff Lynch Seminar Room, Chemistry Building  
University of Pennsylvania

- **Invited Speakers**
- **NECZA History and Meeting Philosophy**
- **Location and Directions**
- **Call for Poster Abstracts**

*Poster Abstract Deadline is Wednesday, December 4, 2011.*

- **Registration Form**

*Advance registration deadline is Friday, December 7, 2012 .  
Checks Only!*

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## **16<sup>th</sup> Annual NECZA Meeting - Organizing Committee**

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Chairman	Istvan Halasz	<i>PQ Corporation</i>
Secretary	Haiming Liu	<i>Arkema Corporation</i>
Program Chair:	Michael A. Smith	<i>Villanova University</i>
Past Chair	Charles G. Coe	<i>Villanova University</i>
Poster Session Chair:	Joe Fedeyko	<i>Johnson Matthey Corporation</i>
Arrangements Chair:	Anton Petushkov	<i>Zeolyst International</i>
Treasurer:	Ned Corcoran	<i>ExxonMobil Corporation</i>
Webmaster:	Kirk Schmitt	<i>ExxonMobil Corporation</i>

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Learn more at [www.necza.org](http://www.necza.org)

# Program

<b>8:30 – 9:20</b>	<b><i>Registration – Poster Setup</i></b>
<b>9:20 – 9:30</b>	<b><i>Welcome</i></b>
<b>9:30 – 10:10</b>	<b>Stan Roth</b> (BASF) Zeolite Applications in Environmental Catalysis: A Retrospective
<b>10:10 – 10:50</b>	<b>Aditya Bhan</b> (University of Minnesota) Shape selectivity and selectivity in methanol to hydrocarbons conversion
<b>10:50 – 11:20</b>	<b><i>Break – Poster Session</i></b>
<b>11:20 – 12:00</b>	<b>Friederike Jentoff</b> (University of Oklahoma) Do Olefins Ru(i)n the Show in Paraffin Isomerization
<b>12:00 – 1:20</b>	<b><i>Lunch</i></b>
<b>1:20 – 2:00</b>	<b>Matthias Thommes</b> (Quantachrome) Surface and pore structure assessment of hierarchically structured micro/mesoporous molecular sieves by gas adsorption
<b>2:00 – 2:40</b>	<b>Karena Chapmann</b> (APS, Argonne National Laboratory) Introduction to PDF methods and their applicability to studies of porous materials and catalysis
<b>2:40 – 3:10</b>	<b><i>Break – Poster Session</i></b>
<b>3:10 – 3:20</b>	<b><i>Business Meeting</i></b>
<b>3:20 – 3:30</b>	<b>Student Talk - I</b>
<b>3:30 – 3:40</b>	<b>Student Talk - II</b>
<b>3:40 – 4:20</b>	<b>Wei Fan</b> (University of Massachusetts) A General Method for Synthesis of Hierarchical Zeolites
<b>4:20 – 5:00</b>	<b>David Corbin</b> (DuPont) Studies of Industrial Applications of Zeolites at DuPont

# NECZA History and Meeting Philosophy:

NECZA is an outgrowth of discussions held after sessions at the 1997 Zeolite and Layered Materials Gordon Conference, Chaired by Charles Kresge. NECZA seeks to maximize discussion and interactions between the scientists who are attending the meeting. As such, the technical program tends to be a bit flexible with contributions from a variety of backgrounds.

Traditionally, speakers are encouraged to prepare "provocative" talks and to rigorously keep the time for their talk which includes 5 to 10 minutes discussion time. The audience is **STRONGLY** encouraged to "participate" (even, for example, by bringing 1 - 2 overheads related to the talks to open up discussion). The abstracts of presentations are attached.

The poster session and graduate student talks have been a staple of NECZA meetings. This is a wonderful opportunity for students to 'get their feet wet' in a relatively friendly setting.

**We very much look forward to another fruitful and engaging NECZA meeting, made possible by your participation. The NECZA meeting serves as a nice cap to the year's activities and we look forward to catching up with you all and hearing about your nice work at this December tradition.**

**Please forward this note on to your colleagues, or any others you feel might have interest, and don't hesitate to contact us if you have questions.**

**We hope to see you at the NECZA meeting on Friday, December 14th, 2012.**

Michael A. Smith, PhD  
Assistant Professor  
Department of Chemical Engineering  
Villanova University  
800 Lancaster Ave.  
Villanova, PA 19085-1699

## Location and Directions

The meeting will take place in the Carolyn Hoff Lynch Seminar Room, University of Pennsylvania Chemistry Department (231 South 34th Street at the corner of 34th and Spruce Streets). The location is a 15 minute walk (0.8 mile) from the 30th Street train station, or a 5 minute walk from the University City station on the Airport, Newark and Elwyn SEPTA lines. Upon entering the Chemistry Building, follow the signs on the wall (on the right) to the Lynch Lecture Hall (map and walking directions at: [www.necza.org](http://www.necza.org)).

## Call for Poster Abstracts – Submission Information

As in past years, local undergraduate, graduate and post-doctoral researchers are invited to present posters (maximum size 36" x 48") of their work to the community on any aspect of zeolite or porous material science. To register, a poster abstract (< 1 page in length, template included) should be submitted in .doc form to the Poster Chair (Joseph Fedeyko, [fedeyjm@jmus.edu](mailto:fedeyjm@jmus.edu)) no later than December 4<sup>th</sup>, 2012 (subject: NECZA 2010-1st author). Each year, the organizing committee selects two poster presenters as speakers (15 min time slots) in the afternoon session. If you would like to be considered for these speaker slots, please submit two powerpoint slides providing the most relevant results along with your abstract.

**Centered Title of Presentation or Poster Here {12 pt. Times New Roman, Bold, Title Case}**

**Presenters1stname I. Lastname,<sup>1</sup> Coauthor I. Lastname<sup>2</sup>, PI Author I. Lastname<sup>1,\*</sup> {11 pt. Arial, Bold}**

<sup>1</sup> *Department, University/Company, Street Address, City, Zip (10 pt, Times New Roman, Italic)*

<sup>2</sup> *Department, University/Company, Street Address, City, Zip*

The body of the abstract should be written in single spaced, 10 point, Times New Roman font, with full justification of the margins (1 inch all around). Abstracts will be limited to one page, but there is no minimum length. Figures may be included, but should be inserted following the body of text. References should be indicated with superscripts,<sup>1</sup> and listed at the end under the References heading in the format indicated below.

- insert Figure here -

### References

[1] I. I. Lastname; I. I. Lastname, *J. Zeolite Sci.*, **Vol ###** (Year) page ### .

# Registration Form

## NECZA 2012

Date: Friday, December 14, 2012

Location: University of Pennsylvania

Chemistry Department, Carolyn Hoff Lynch Seminar Room

### Advance Mail-in Registration

Registration Fees (Fee includes lunch and refreshments)

	Advanced		AFTER Dec.7,2012
Students	\$20.00	<input type="checkbox"/>	\$25.00
Postdocs	\$20.00	<input type="checkbox"/>	\$25.00
Retirees	\$20.00	<input type="checkbox"/>	\$25.00
All others	\$45.00	<input type="checkbox"/>	\$50.00

Contact Information:

Name \_\_\_\_\_  
Affiliation \_\_\_\_\_  
Address 1 \_\_\_\_\_  
Address 2 \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_  
Zip code \_\_\_\_\_ Telephone \_\_\_\_\_  
Email \_\_\_\_\_

*Please NOTE that checks are the ONLY ACCEPTABLE FORM OF PAYMENT, and should be made payable to "NECZA".*

Advance registration deadline is **Friday, December 7, 2012**.

Mail this form with payment to:

Edward W. Corcoran  
Section Head, Separations Science  
Corporate Strategic Research  
ExxonMobil Research and Engineering Company  
1545 Route 22 East, Annandale, NJ 08801