



2012 Spring MATYCONN Meeting

Housatonic Community College
Friday, April 27, 1 pm to 6:30 pm, Beacon Hall 214
900 Lafayette Boulevard, Bridgeport, CT 06604

**1:00 to 2:00 pm – Registration, Publisher Exhibit
Social Hour, Light Refreshments**

2:00 to 3:00 pm – Business Meeting

**3:15 to 4:15 pm – “Are the real numbers really real? Really?”
Alvaro Lozano-Robledo (UConn)**

**4:30 to 5:30 pm – “iPad Apps for Math”
Hendree Milward (TxCC)**

5:30 to 6:30 pm – Dinner

Meeting Registration Form — separate sheet

Directions to Housatonic Community College
<http://www.hcc.commnet.edu/gen/finding/directions.asp>

Parking at Housatonic Community College
<http://www.hcc.commnet.edu/gen/finding/parking.asp>



MATYCONN Spring 2012 Meeting

Registration Form

Friday, April 27, 2012 @ Housatonic Community College

Please register by 4/20/2012.

Please print legibly.

Name _____

College _____

Address _____

Phone: _____ Email: _____

Please Enter Amounts:

\$ _____ Meeting Registration \$20

\$ _____ MATYCONN scholarship – suggested donation \$5

\$ _____ Membership Fee* – see below for fee schedule (complete separate membership application)

\$ _____ **TOTAL ENCLOSED**

Please mail this completed form (and membership form if applicable) with check payable to MATYCONN to Kegan Samuel, Math Department, Naugatuck Valley Community College, 750 Chase Parkway, Waterbury, CT 06708 by April 20, 2012

*Membership Information . . . please consider joining . . .

Go to MATYCONN website at <http://www.matyconn.org> for a MATYCONN Membership Application under "About Us".

Membership Fees are low:

\$10 Yearly membership for full-time department members

\$18 Two-year membership for full-time department members

\$5 Yearly membership for adjuncts, students, and retirees

\$9 Two-year membership for adjuncts, students, and retirees

\$25 Lifetime membership for retirees (one-time payment)

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FIRST PRESENTATION – 3:15 to 4:15 pm

Presenter: Alvaro Lozano-Robledo, Assistant Professor at UConn

Title: "Are the real numbers really real? Really?"

In this talk we will discuss the informal (intuitive) and formal definitions of the real numbers, and discuss whether the concept of real numbers matches the physical reality that surrounds us. For instance, the real numbers can be arbitrarily large... is the universe infinite? On the other hand, for any two distinct real numbers, there is a third real number in between... is space infinitely divisible into smaller parts? It turns out that the answers to both questions may be "no". If so, space would be some sort of a discrete graph, and possibly a finite graph. If so, what graphs are possible for our universe? What number systems are more "real" than the real numbers?

SECOND PRESENTATION – 4:30 to 5:30 pm

Presenter: Hendree Milward, Assistant Professor at Tunxis

Title: "iPad Apps for Math"

In this talk Hendree will demonstrate two free apps for the iPad, Skitch and Educreations, that he has successfully used in his math classes. Hendree has found using the iPad apps in class provides unique instructional tools that let instructors respond quickly to students. The extra bonus is that the iPad is light and mobile, making it easy to bring to class.

MATHEMATICAL ASSOCIATION OF TWO YEAR COLLEGES OF CONNECTICUT

(MATYCONN)

<http://www.matyconn.org>

MEMBERSHIP APPLICATION

Date

First Name Middle Initial Last Name

College College Phone College Fax

College Street Address E-Mail

City State Zip Code

Residence Street Address Phone

City State Zip Code

____ Check here if you do NOT want to be listed in the MATYCONN Membership Directory.
____ Check here if you do NOT want your college information to be listed on the MATYCONN website.

* **Membership Fees:**

- _____ \$10 Yearly membership for full-time department members
- _____ \$18 Two-year membership for full-time department members
- _____ \$5 Yearly membership for adjuncts, students, and retirees
- _____ \$9 Two-year membership for adjuncts, students, and retirees
- _____ \$25 Lifetime membership for retirees (one-time payment)
- _____ Contribution to the MATYCONN Scholarship Fund
- _____ I am currently a member of AMATYC.

Note: AMATYC membership forms are available at <http://www.amatyc.org>.
Send \$80 directly to AMATYC for yearly membership, which includes one subscription to *The AMATYC Review* and the *AMATYC News*.

_____ Total Enclosed

* **Effective May 18, 1995, by a vote of the MATYCONN Executive Board, if you overpay your MATYCONN dues the extra money will automatically go into the MATYCONN Scholarship Fund.**

Please mail this completed form and a check payable to MATYCONN to
Kegan Samuel, Math Department, Naugatuck Valley Community College,
750 Chase Parkway, Waterbury, CT 06708