American Mathematical Association of Two-Year Colleges

45th Annual AMATYC Conference
November 14 – 17, 2019

Hilton Milwaukee City Center
509 West Wisconsin Avenue
Milwaukee, WI 53203

Hyatt Regency Milwaukee
333 West Kilbourn Avenue
Milwaukee, WI 53203

Keynote Speakers

Francis Su
Harvey Mudd College
Mathematics for Human Flourishing

James Tanton
Mathematical Association of America
A Dozen Proofs that 1 Equals 2: A Misguided Review of Mathematics

Featured Speakers

Michael Steele
University of Wisconsin
Content, Pedagogy, Field: New Partnerships Across the 6-16 Continuum

Alan Zollman
Indiana University Southeast
Making Students as Smart as Their Phones & Fixing Their Common Errors

Hosted by WisMATYC and the Midwest Region

www.amatyc.org

Opening Doors Through Mathematics
CONFERENCE HIGHLIGHTS

Hear Great Ideas from our speakers and share your own ideas with other attendees at the 45th Annual AMATYC Conference in Milwaukee, WI, November 14 - 17, 2019. Thursday from 8:00 am - 10:00 am, choose from 36 different speakers giving 15-minute presentations as the following ANet and academic committees sponsor Themed Sessions: International Mathematics, Equity, Mathematics Intensive, Statistics, Teacher Preparation, and Joint Pathways Subcommittee. Check the topics on the conference app and change rooms as new topics catch your interest. During those same hours Thursday morning, you might choose to join a 50-minute walking tour of the Wisconsin Center to learn more about our organization as you meet leaders from the Executive Board, Professional Development, and the Conference Committee along the route. These AMATYC 101 tours will leave at 8:00 am, 8:20 am, 8:40 am, and 9:10 am. Mini sessions (25-minute presentations), introduced in Orlando, return from 11:30 am to 12:25 pm with a chance to take a quick lunch break as presenters change at 11:55 am. Before the Keynote Session at 3:00 pm, participate in Chat & Chew with three 15-minute visits to different tables. Corporate Partners McGraw-Hill and Hawkes will supply cookies while you bring your own beverage. And all this is happening on Thursday! Watch coming issues of the AMATYC News to learn more about the next three days.

Keynote Speakers

Francis Su  
*Mathematics for Human Flourishing*

Why does the practice of mathematics often fall short of our ideals and hopes? How can math be grounded in what it means to be human, so that our students are motivated to do mathematics? I have been advancing the message that mathematics can help people flourish, no matter what they choose to do with their lives or careers, because it is connected to basic human desires and it builds virtues that everyone benefits from. I’ll explain why I believe this is an important message, especially for educators, and describe some of the reactions I’ve received.

James Tanton  
*A Dozen Proofs that 1 Equals 2: A Misguided Review of Mathematics*

Guidobaldo del Monte (1545-1647), a patron and friend of Galileo Galilei, believed he had witnessed the creation of something out of nothing when he established mathematically that zero equals one. He thereby thought that he had proven the existence of God! Although I don’t believe that there is a God, I am willing to prove instead that one equals two. And, moreover, just to convince you that I am right I will do so multiple times over, drawing upon a wide spectrum of mathematical techniques: algebra and arithmetic, probability and mechanics, pure thought and physical action! Will you be able to find fault with any of my “proofs?”

Featured Speakers

Michael Steele  
*Content, Pedagogy, Field: New Partnerships Across the 6-16 Continuum*

School districts, two-, and four-year colleges have long been partners in mathematics education. With K-12 standards on the rise, math proficiency stagnant, and teacher preparation numbers on the decline, it’s time to reimagine our partnerships. Hear insights from AMTE, and the MPS-MATC-UWM partnership known as M3.

Alan Zollman  
*Making Students as Smart as Their Phones & Fixing Their Common Errors*

Six research-based ideas how students learn mathematics — while fixing our students’ most common algebra, trigonometry, and calculus misunderstandings — with the three concepts supporting students’ persistence in studying mathematics, offered with a dash of humor, all in one run-on sentence.

CONFERENCE REGISTRATION

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Please contact the AMATYC Office for more information regarding:

- Member-sponsored student registration
- Pre-paying conference registration fees

Discount registration deadline: Monday, September 30, 2019

Milwaukee Conference Committee

Conference Coordinator  
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Exhibits Chair  
Todd Stine  
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The 45th Annual AMATYC Conference begins on Thursday, November 14, 2019, at the Wisconsin Center located at 400 W. Wisconsin Ave, Milwaukee, WI 53203. In Milwaukee, AMATYC will use the Hilton Milwaukee City Center, 509 W. Wisconsin Ave, as its headquarters hotel and the Hyatt Regency Milwaukee, 333 W. Kilbourn Ave, as a second hotel. Both hotels are connected to the Wisconsin Center via skybridges.

A block of guest rooms at reduced rates has been reserved at Hilton Milwaukee City Center and Hyatt Regency Milwaukee until October 28, 2019, or until AMATYC’s room block is sold out, whichever comes first. Any unreserved rooms in the block may be released for sale to the general public after this date. AMATYC members have purchased all available rooms the past few years, so make your reservations early! Be sure to mention that you are attending the AMATYC Conference if making your reservation by phone. Reservations can be made at the links on the AMATYC website, the links listed below, or by calling the hotels at the numbers listed below.

A deposit equal to one night’s stay is required to hold each individual’s reservation. Personal check, money order or a valid American Express, Visa, Master Card, Diners Card or Carte Blanche card number and expiration date or a guarantee to the master account are acceptable. Should a guest cancel a reservation, the deposit will be refunded if notice is received at least three (3) working days prior to arrival, and a cancellation number is obtained. In the event a guest who has requested a room checks out prior to the guest’s reserved checkout date, the Hotel will add an early checkout fee to that guest’s individual account. Guests wishing to avoid an early checkout fee should advise the Hotel at or before check-in of any change in planned length of stay.

Any unreserved rooms in the block may be released for sale to the general public after this date. AMATYC members have purchased all available rooms the past few years, so make your reservations early! Be sure to mention that you are attending the AMATYC Conference if making your reservation by phone. Reservations can be made at the links on the AMATYC website, the links listed below, or by calling the hotels at the numbers listed below.

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To help AMATYC keep your conference costs reasonable, be sure to mention that you are attending the AMATYC Conference when contacting the hotel. Rates cannot be changed at check-in or check-out for guests who fail to identify their affiliation at the time the reservation is requested.

Hilton Milwaukee City Center
509 West Wisconsin Ave • Milwaukee, WI 53203
Reservations: 1.800.HILTONS (mention AMATYC Conference)

To make reservations online, go to www.visitmilwaukee.org/amatyc2019, scroll to the Hotel Information section, and select one of the hotels.

Room Rates* (per night, includes Internet)
Single/Double/Triple/Quad Occupancy $159
Children under 18 stay for free in their parent's room
Check-in: 3:00 pm Check-out: Noon

*Rooms are subject to 15.1% state and local taxes, and a fee equal to 1% of your room rate per night for BID 21 Sculpture Milwaukee, (subject to change).

Hyatt Regency Milwaukee
333 West Kilbourn Ave • Milwaukee, WI 53203
Reservations: 1.800.233.1234 (mention AMATYC Conference)

Room Rates* (per night, includes Internet)
Single/Double/Triple/Quad Occupancy $159
Children under 18 stay for free in their parent's room
Check-in: 3:00 pm Check-out: Noon

Milwaukee has great entertainment! The downtown area has 17 museums, and there are 25 theaters within city limits. You can find live music every night, and there are too many breweries and restaurants to count. Add in unique attractions like the Harley-Davidson Museum and the Bronze Fonz, and you will have a great time in Milwaukee! Here is a small sample of the possibilities:

** Places to Visit in Milwaukee **

** Breweries**
- Lakefront Brewery
- Milwaukee Brewing Company
- Third Space Brewing
- Mob Craft Beer
- City Lights Brewing
- Miller Brewery
- Great Lakes Distillery
- Sprecher Brewery

** Entertainment**
- Safehouse
- Koz's Mini Bowl
- Potawatomi Hotel & Casino
- Escape MKE
- Untapped Tours
- Milwaukee Food and City Tours

** Museums**
- Milwaukee Art Museum
- Harley-Davidson Museum
- Betty Brinn Children's Museum
- Discovery World Science and Technology Center
- Milwaukee Public Museum
- The Pabst Mansion
- North Point Lighthouse and Museum
- Grohmann Museum
- St. Joan of Arc Chapel

** Theaters/Performing Arts**
- Marcus Center for the Performing Arts
- Skylight Theatre
- Pabst Theater
- Milwaukee Ballet
- Milwaukee Rep

** Other Attractions**
- Milwaukee Public Market
- Milwaukee Riverwalk
- Bronze Fonz
- Gertie the Duck
- Wisconsin Gas Building
- Miller Park
- Pettit National Ice Center
- Foamation Cheesehead Factory

More information about these and other attractions can be found at www.visitmilwaukee.org/amatyc2019.  

AMATYC Office
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Phone: 901.333.5643 • Email: amatyc@amatyc.org • Website: www.amatyc.org
American Mathematical Association of Two-Year Colleges

Advance Conference Information

45th Annual Conference
Milwaukee, Wisconsin
Thursday – Sunday
November 14 – 17, 2019

Watch for the Miniprogram and Registration Information this summer.