

American Mathematical Association of Two-Year Colleges

www.amatyc.org



44th AMATYC Annual Conference

Disney's Coronado Springs Resort
Lake Buena Vista, Florida

November 15–18, 2018

Hosted by FTYCMA and the Southeast Region

Keynote and Breakfast Speakers

Billy Hix

Motlow State CC

Math Really Rocks!! An Astronomer's Journey

Guadalupe Quintanilla

University of Houston

An Ongoing Challenge: Success in Education

Featured Speakers

Mark Shafer

Disney Decision Science & Integration

Facilitating an Analytics Transformation:

The Disney Story

Jeffery Allbritten

Florida Southwestern State College

Mathematics Literacy in Higher Education:

A Four Decade Review

Opening Doors Through Mathematics

CONFERENCE HIGHLIGHTS

See the Main Attraction and much more at the 44th Annual AMATYC Conference in Orlando, FL, November 15-18, 2018. From 8:00 am – 10:00 am Thursday, you can choose from 30 different speakers giving 15-minute presentations as the following academic committees sponsor Themed Sessions: Developmental Mathematics, Mathematics and its Applications for Careers, Math Intensive, Placement and Assessment, and Statistics. Use the conference app or program to check all the topics and change rooms as new topics catch your interest.

Friday morning, 8:00 am, sees the return of Chat & Chew, aka “math speed dating,” following its tremendous attendance and rave reviews in San Diego. Friday and Saturday will provide opportunities to hear from the newest committee, Mathematics Standards in the First Two Years of College (*IMPACT*), as they sponsor a Symposium. They will give us the latest information on *IMPACT*, AMATYC’s third standards document. One workshop will focus on how to use *IMPACT* to engage students. There will be the opportunity to check out *IMPACT Live!*, the interactive online site to support the *IMPACT* document. Also, the Research in Mathematics for Two-Year Colleges and the Innovative Teaching and Learning Committees will join the *IMPACT* team to share how PROWESS (P^{RO}ficiency, O^Wnership, E^{NG}agement, and S^{TU}dent Success) can be supported with research-based strategies. Watch for the new 25-minute mini sessions in which two speakers share the room with separate, but complementary, talks, perhaps with teaching tips for the same course, or strategies for engagement and retention.

Breaking News: Thursday morning Joshua Santorum, Education Program Specialist from NASA, will join us. More information is on the way.

Keynote and Breakfast Speakers

Billy Hix: *Math Really Rocks!! An Astronomer’s Journey*

Billy Hix is a serious amateur astronomer whose work with NASA, higher education, and the Space Foundation, gives him a unique perspective in teaching STEM to all. In Thursday’s keynote session of the 44th Annual AMATYC Conference, he will present an uplifting and inspirational talk focusing on members of the mathematics and space science community who break the stereotype that many have of the mathematics profession. Starting over 400 years ago to rock stars who fill arenas and colleagues who landed NASA’s rover Curiosity on Mars, you will learn that “math really rocks.”

Guadalupe Quintanilla: *An Ongoing Challenge: Success in Education*

The 2018 AMATYC Awards Breakfast Speaker, Guadalupe Quintanilla, shares her personal experiences from challenges she has faced in her close to fifty years as a professor at the University of Houston. It has been an extremely rewarding and at times frustrating academic road. One challenge that has been consistently present, is motivating students to develop a love of learning. Once this love is accomplished, then there is the added challenge of how to keep this love burning throughout their lives. She will share steps to guide students toward success in education.

Featured Speakers

Mark Shafer: *Facilitating an Analytics Transformation: The Disney Story*

The country is in a global analytics arms race, where yesterday’s strategic advantage can quickly become tomorrow’s industry standard. To stay competitive, companies must continue to invest and evolve at an ever increasing rate. In this presentation, Senior Vice President of Disney Decision Science & Integration, Mark Shafer, will discuss his 30+ year rags to riches analytical journey, including lessons learned from being on the receiving end of analytics at People Express Airlines to building a science-based analytical team at The Walt Disney Company.

Jeffery Allbritten: *Mathematics Literacy in Higher Education: A Four Decade Review*

Speaker Jeff Allbritten has held the position of president at Edison State College, Middle Georgia State University, and Florida SouthWestern State College. In this featured session, Allbritten shares a review of the value and emphasis placed on analytical aptitude and proficiency from the perspective of an individual who has had the opportunity to journey from student to faculty to chair to dean to president in our American higher educational system.

CONFERENCE REGISTRATION

Discount:	Member	\$360	Regular:	Member	\$400
	Non-member	\$475		Non-member	\$515
	Single Day, Member	\$135		Single Day, Member	\$175
	Single Day, Non-member	\$160		Single Day, Non-member	\$200

Please contact the AMATYC Office for more information regarding:

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

Discount registration deadline: Sunday, September 30, 2018

Orlando Conference Committee

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HOTEL INFORMATION

The 44th Annual AMATYC Conference begins on Thursday, November 15, 2018, at the headquarter hotel, **Disney's Coronado Springs Resort**, located at 1000 West Buena Vista Drive, Lake Buena Vista, FL 32830.

A block of guest rooms at reduced rates has been reserved at Disney's Coronado Springs Resort until October 24, 2018, 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 link on the AMATYC website, the link listed below, or by calling the hotel at the number listed below.

Individual room reservations must be confirmed and guaranteed by the attendee with a deposit of one night's room revenue (plus applicable taxes). Should an attendee cancel a reservation, refund of the deposit and/or cancellation fees will be in accordance with our general policy for the Hotel, which is a refund if an individual's reservation is canceled at least five days prior to arrival.

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.**

Disney's Coronado Springs Resort

1000 West Buena Vista Drive • Lake Buena Vista, FL 32830

Reservations: 407.939.4686 (mention AMATYC Conference)

Reservations Website:

www.mydisneygroup.com/amatyc2018

Room Rates*

Single/Double Occupancy \$ 159

Each Additional Person \$ 15

Children under 18 stay for free in their parent's room

Check-in: 3:00 pm Check-out: 11:00 am

**Room rates are quoted exclusive of applicable state, local, and occupancy taxes that are currently 12.5%, (subject to change).*



Scan this code to go to the reservations website.

PLACES TO VISIT IN ORLANDO

Beaches

- Cocoa Beach
- New Smyrna Beach
- Daytona Beach

Dining

- Capones Dinner and Show
- Disney Springs
- Medieval Times Dinner Theater
- Pirate's Cove Dinner Theater
- Pointe Orlando restaurants (International Drive)
- Sleuth's Dinner Theater
- Universal City walk restaurants and lounge

Entertainment

- Disney Springs Movie Theatre
- Disney Springs bowling
- Extreme Dinosaurs – The Exhibition
- Fun Spot Theme Park
- Gatorland – gators, snakes, and swamp buggies
- The Holy Land Experience
- I-Fly Indoor Sky Diving

- International Drive Mini Golf
- Kennedy Space Center and Hall of Fame
- Legoland (Winter Haven)
- Old Town Orlando Specialty Shops and Amusement Park
- Orlando Area Helicopter Tours
- Orlando Eye Tours
- Orlando Science Center (dome movie theater)
- Ripley's Believe It or Not
- Sea World and Discovery Cove (swim with the dolphins)
- Universal Studios (Harry Potter)
- Wonder Works

Museums

- Dali Museum (St. Petersburg)
- Fantasy of Flight Museum
- The Florida Museum of Natural History
- Frank Lloyd Wright architecture collection - Florida Southern College (Lakeland)
- Madame Tussaud's Wax Museum

Outdoors

- Airboat Rides: Boggy Creek and Black Hammock
- Hiking trails: Disney Wilderness Preserve, Split Oak Forest, Bill Frederick Park
- Lake Eola Downtown Orlando Paddle Boats
- Orlando Tree Trek Adventure Park (zip-line)
- Rollins College Air Museum
- Wikiva River Run (kayaking)

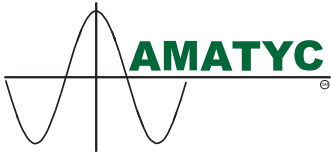
Shopping

- Disney Springs
- The Florida Mall
- Lake Buena Vista Factory Stores (15657 S. Apopka Vineland Rd.)
- Mall at Millenia (near Universal)
- Orlando International Premium Outlets (4951 International Dr.) – Largest in the area
- Orlando Premium Outlets (8200 Vineland Ave.)
- Pointe Orlando shops (International Drive)

➤➤ *More information about these and other attractions can be found at www.mydisneygroup.com/amatyc2018* <<<

AMATYC Office

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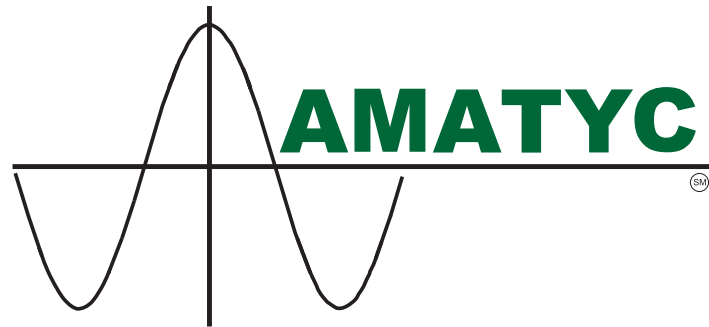


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[Advance Conference Information](#)

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Thursday – Sunday
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Watch for the Miniprogram and
Registration Information in August.