



Graduate Student Chapters

Florida Institute of Technology

Established Fall 2016, 20 current members.

President: Naveed H. Iqbal

Vice President: Adam Prinkey

Treasurer: Audison Beau brun

Secretary: Ali Hagverdiyev

What is your Chapter's mission?

Our mission is twofold: To spread math awareness and to find joy in both the practical and theoretical aspects of mathematics.

Can you share details about your most recent Chapter meeting/event?

We had a short seminar by one of our members on smart ways to codify the states and behavior of a 1D mobile automata using numbers in the range 0 to $(14^8) - 1$. We also had a brief tutorial in the new and very exciting programming language Julia.

Can you share a success story or a time where things didn't go according to plan?

Our biggest success has been the continued interest and engagement we have from our members. We don't provide any food but they still show up! Regarding a time when things didn't go to plan: we were reading a section of *The Infinite Napkin* (by Evan Chen) as a chapter and somehow ended up spending a whole lot of time discussing the square peg problem. It was funny because we had put a lot of effort into having the book on a projector but basically ended up all over the whiteboards instead.

What do members enjoy most about this AMS Student Chapter?

We conducted a survey to determine if our members were enjoying the content of the meetings and learned a lot. In regard to what they enjoy most: the diverse set of ideas and topics we discuss and the fact that we encourage participation and group discussions.





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Naveed Hussein Iqbal, Chapter President

From Tanzania

How did you become interested in mathematics?

My fascination with math and physics began at a young age with a set of the Encyclopedia Britannica. I read each one, A through Z, cover to cover, and discovered that I was most excited by the universe and mathematical patterns. The ideas, especially the math and physics, seemed accessible and I thought it was amazing that I could conduct my own little experiments to test them.

Where do you see yourself in ten years?

I see myself owning my own business (data science and machine learning) and still being actively involved in the mathematics community.

How has being the Student Chapter president assisted you with leadership training for your future?

I have learned a lot about how much behind the scenes effort it takes to run a successful organization. I've also learned how important it is to sometimes distance the members for the nitty gritty details - thereby allowing them to fully enjoy the events without having to worry about what the leadership team has done behind the scenes to make it happen. After all, that's part of our jobs. One more thing - good communication saves a ton of time!

What are your interests?

I really love dynamical systems and chaos theory. I am fascinated by the human brain and human (un)predictability. I enjoy golf, soccer, and coding in Julia. It's difficult to answer such questions sometimes. I think it was G. K Chesterton who said: "The perplexity of life arises from there being too many interesting things in it for us to be interested properly in any of them."

What is your strongest quality?

I am very stubborn.

Who or what motivates you to be a better person?

Being alive and fortunate enough to be in love with Mathematics and having so many kind friends and family.

What is the best advice you can give to someone pursuing a degree in mathematics?

Find the area of mathematics that excites you the most and study the heck out of it. This could take a while

What do you want to be remembered for?

Being kind.

