

MAA–FTYCMA JOINT CONFERENCES

Joni Pirnot, C. Altay Özgener, Local Organization Chairs
State College of Florida, Manatee–Sarasota, Bradenton, FL

Call for Presentations

The annual joint meetings of the MAA-Florida Section and FTYCMA will be held on **February 17-18, 2017** on the campus of State College of Florida. We invite talks (either **20** minutes or **45** minutes in duration) and workshops or special topic sessions (**105** minutes) from mathematicians in the State University System, the Florida Community College System, and the state's private colleges and universities. Graduate and undergraduate students are also invited to participate.

Proposals

Those who wish to be considered for the program talks or workshops should send their name, institutional affiliation, title, and an abstract of one hundred and fifty words or less to the Florida Section's Vice-President for Programs, Daniel Jelsovsky, and indicate a talk or workshop and its duration. This information should be sent via e-mail as a Word document. Deadline for submission is **December 16, 2016**.

Talks

Talks will be in **Building # 9** (close to **lot J**, and at State College of Florida's **Neel Performing Arts Center** (Building # 11), (see Campus map).

“BY THE NUMBERS”

BY THE NUMBERS is a series of short plays commissioned by the SCF theatre and math departments. Four award-winning professional theatre artists based in New York City, none of whom are mathematically talented and all of whom struggle to balance their checkbooks, allow themselves to be inspired by the names of famous theorems. Exploring the intersection between science and art by reading about math and talking to mathematicians, the playwrights' imaginations take flight, creating, for the SCF theatre students to decipher and perform, a cycle of dark, funny universes.

Acknowledgments

We would like to thank Pearson, CENGAGE, WebAssign, Hawkes Learning. State College of Florida and its president Carol F. Probstfeld generously provided some funding for the conference.

Websites and Contact Information

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| ► MAA-FL | |
| ► FTYCMA | ► Phone: 941 • 752 • 5224 |
| ► SCF | ► Local Organization Chairs: |
| ► Fine Arts Gallery | Joni Pirnot & C. Altay Özgener |

Plenary speaker: Tim Chartier - VP, MAA

March Mathness

Every year, people across the United States predict who will win in the Division I NCAA Men's Basketball Tournament, often called March Madness, by filling out a tournament bracket for the postseason play. This talk discusses two popular rating methods that were used by the Bowl Championship Series, the organization that determined which college football teams were invited to which bowl games. Each rating method computes a ranking by solving a system of linear equations. We also touch on how to adapt the methods to take late season momentum into account. By the end, you'll be ready to create a mathematically-produced bracket for March Madness.



Tim Chartier

Plenary Speaker: Ken Ono - Emory University

Gems of Ramanujan and their Lasting Impact on Mathematics

Ramanujan's work has a truly transformative effect on modern mathematics, and continues to do so as we understand further lines from his letters and notebooks. In this lecture, some of the studies of Ramanujan that are most accessible to the general public will be presented and how Ramanujan's findings fundamentally changed modern mathematics, and also influenced the lecturer's work, will be discussed. The speaker is an Associate Producer of the film *The Man Who Knew Infinity* (starring Dev Patel and Jeremy Irons) about Ramanujan. He will share several clips from the film in the lecture.



Ken Ono