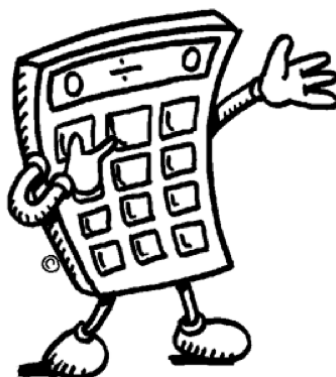


January 23, 2017

# MUSA Weekly

MUSA presents...



## First General Meeting

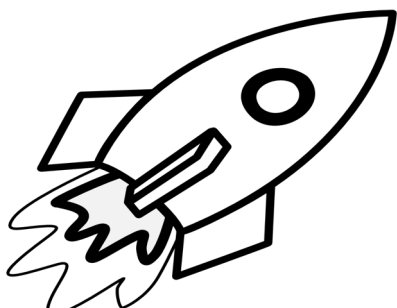
Thursday, January 26, 2017

1015 Evans, 6pm

Come to MUSA's **first** event of the year! Find out about our plans for this semester, **discover** new math for next semester, and catch up with all your math friends. Learn about our student-faculty dinners, professional panels, academic panels, social events, outreach programs, Math Monday talks, and **more!** At the end, make new friends in an Evans-wide **Scavenger Hunt!** Pizza will be provided!

### Movie Night!

On **Wednesday, February 1** in 939 Evans at **6:30pm**, MUSA will be showing *Apollo 13*. Come with your friends and be inspired to never fail, or at least watch Tom Hanks for two hours!

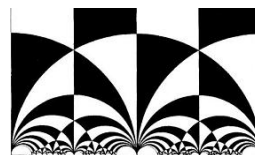


### Math Monday Series

Monday, January 30 from 5 to 6pm in 740 Evans

**Speaker:** Cailan Li

**Title:** *An Introduction to Analytic Number Theory*



**Abstract:** In this talk we will first give a crash course in complex analysis and then talk about the beautiful Riemann zeta function and its generalization, obtaining  $1+2+3+\dots = -1/12$  as a corollary. We will then talk about the shiny objects known as modular forms, and some of their applications. In particular, we will discuss the role modular forms played in Andrew Wiles' proof of Fermat's Last Theorem.

No prerequisites are necessary.

Mathematics Undergraduate Student Association

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