

Agenda

Department of Mathematics Day • DMD 2015
Friday, November 20, 2015 • ED 140

10:00-10:20 **Mathematics and Music**

Session A

Session B

10:20-10:40 **An alternate derivative**

Leonhard Euler and the Opera Omnia

10:40-11:00 **Gems in probability**

Artificial Intelligence

11:00-11:20 **Greek constructions**

Introduction to Knot Theory

11:20-11:40 **String puzzle**

Cutting squares from rectangles

11:40-1:00 **Lunch**

1:00-2:30 **Wits and Wagers** (Trivia Game)
Pentago (Strategy game)
Go (Strategy game)
Ingenious (Board game)
Chess, Checkers (Strategy game)
Set, Uno, No Thanks! (Card Games)
Student Created Games (Games from Math 111 classes)

2:30 **Math Jeopardy!** - Travis Kelm (emcee)

3:30 **Talent show intro and setup** - Katherine Kelm (emcee)

3:33 **Debussy piano duet: "En Bateau", from *Petite Suite*** - Jillian Baker, Rebekah Zhou

3:38 **Stand-up comedy** - C_R_OS

3:48 **Song (Sullivan/Lehrer) with piano accompaniment: "If you give me your attention"** - Katherine Kelm, Larry Byler

3:52 **Math Charades** - Holly Garcia, Reed McMillan, Alex Pulido, David Rangel

4:05 **Human Net** - Mainag Her, Monica Melendrez, Lisa Morales, Araceli Ramirez

4:15 **Bluegrass band** - Larry Cusick et al.

4:30 **Prizes and Awards**