

2010 Governor's Institute in Mathematical Sciences June 20 – June 25

Breakfast 7:00 – 8:15 AM
Lunch 12:15 – 1:00 PM
Dinner 4:30 – 6:00 PM

Tentative Schedule:

Sunday, June 20

4:30 Registration (Marsh-Austin-Tupper Main Lobby)
5:30 BBQ Dinner (outside Harris-Millis Dining Hall)
6:30 Introductory Activities (Billings Marsh Lounge)

Monday – Friday Morning Classes

8:30 – 9:25 “Mathematics and the Arts,” Weaver (101 Perkins)
9:40 – 10:35 “Chaos, Fractals, and the Mathematics of Prediction,” Danforth (101 Perkins)
10:50 – 11:45 “Evolutionary Robotics,” Bongard (102 Perkins)

Except: **Thursday morning: 9:40** course is “Bijective proofs,” with Greg Warrington (101 Perkins)
Friday morning: 9:40 course is “Innovation and Invention,” with Carlton Sheldon (101 Perkins)

Monday, June 21

1:15 – 2:45 “Mathematical Game: Instant Insanity”, Schmitt (101 Perkins)
3:00 – 4:15 “Rocket Science: The Mathematics of Projectile Motion,” Read (102 Perkins)
7:00 – 8:30 Math Amazing Race (meet in MAT lobby)
9:00 Ice Cream Social (Harris-Millis Dining Hall)

Tuesday, June 22

1:15 – 2:45 “Power off the grid,” Hines (101 Perkins)
3:00 – 4:15 “Problem-Solving Techniques,” Trono (101 Perkins)
7:00 – 8:00 “Careers and Colleges”, Counselors and Staff (L/L 315)
8:00 – 10:00 Movie – *TBD* (L/L 315)

Wednesday, June 23

1:15 – 4:00 Field Trip -- NRG
4:15 – 7:00 Picnic at North Beach
7:30 – 9:00 Problem session with Felix Wu (110 Jeffords)

Thursday, June 24

1:15 – 2:45 “Twenty Years of the Hubble Space Telescope,” Jefferys (101 Perkins)
3:00 – 3:30 “Rocket Science: The Mathematics of Projectile Motion,” Read (101 Perkins)
3:30 – 5:00 What Color is My Hat,” Dinitz (101 Perkins)
7:00 – 9:00 Student Presentations (L/L 315)

Friday, June 25

1:15 – 2:45 “Rocket Science: The Mathematics of Projectile Motion,” Read (meet in MAT lobby)
3:15 – 3:30 Final remarks (Marsh-Austin-Tupper Main Lobby)
3:30 Check out (Marsh-Austin-Tupper Main Lobby)