MIME 2014 Workshop Agenda

Day 1: Sunday, March 16: Harrington Tower 303

Please call 979-446-2083 (Yeping) if you are locked out of the building.

11:45am Shuttle from hotel to campus
12:00pm – 1:00pm Registration and Lunch (Harrington Tower 301)
1:00pm – 1:30pm Welcome & Introductions
  ○ Opening remarks and welcome (Yeping Li)
  ○ Overview of workshop (Bill McCallum)
1:30pm – 3:00 pm Mathematical knowledge for teaching (MKT)
  ○ Introduction to mathematics education; A glimpse of the mathematical work of teaching; Video of classroom teaching; Introduction to MKT
3:00 pm – 3:30pm Break (Harrington Tower 301)
3:30pm – 4:15pm Mathematical knowledge for teaching (continued)
  ○ Evidence of effects; Implications for the mathematical preparation of teachers
4:15pm – 5:15pm Rethinking teacher education (Roger Howe)
5:30pm Shuttle from campus to hotel

Day 2: Monday, March 17: Memorial Student Center 2406B

8:00am Shuttle from hotel to campus
8:30am – 9:00am Continental breakfast at workshop site (MSC 2406A)
9:00am Examples of how mathematicians can contribute to mathematics education
  ○ Survey of the landscape (Roger Howe)
  ○ The role of mathematicians in the Common Core (Bill McCallum)
  ○ The involvement of mathematicians in Reasoning Mind (George Khachatryan)
10:30am - 11:00am Break (MSC 2406A)
11:00am - 12:00pm Examples of how mathematicians can contribute to mathematics education (continued)
  ○ The Baker Project (Scott Baldridge)
  ○ The Summer Program in Mathematical Problem Solving (Dan Zaharopol)
12:00pm – 1:30pm Lunch (MSC 2406A)
1:30pm – 3:00pm Orientation to K-12 mathematical standards (Cody Patterson)
  ○ Texas Process Standards for Mathematics and the Common Core Standards for Mathematical Practice; Progressions in the Common Core; The Illustrative Mathematics Project
  ○ Writing curriculum for K-12 mathematical standards (Scott Baldridge)
3:30pm – 3:30pm Break (MSC 2406A)
3:30pm – 5:30pm Group activity: Using K-12 tasks in teacher education (Cody Patterson, Scott Baldridge, Yvonne Lai)

Optional evening activities:

6:00pm Dinner with TAMU Math Circle featuring Cody Patterson (Blocker 117)
  Texas BBQ and Italian vegetarian dish
6:30pm – 7:30pm TAMU Math Circle
8:00pm Shuttle departs from campus to lodgings

Day 3: Tuesday, March 18: Memorial Student Center 2406B

8:00am Shuttle from hotel to campus
8:30am – 9:00am Continental breakfast at workshop site (MSC 2406B)
9:00am – 10:30am Group presentations
10:30am – 11:00am Break (MSC 2406A)
11:00am – 12:00pm A dialog on the relationship between mathematicians and mathematics educators (Roger Howe, Yeping Li, whole group discussion)