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(Be there or be squared)

Thoughts on Geometry (and trigonometry?)

CMC³-South Fall Mini-conference

October 16, 2010

Norco College

Proposed schedule of events:

8:30 – 9:00 Continental Breakfast

9:00 – 9:15 Introductory remarks (in Center for Student Success)

9:15 – 10:15 Keynote speaker (Phu Tran, Origami presentation)

11:45 – 12:20 Lunch (in Center for Student Success)

Possible presenter topics related to geometry:

- Geometer Sketchpad
- Winplot (it's free on-line)
- 4-dimensional geometry
- golden ratio
- volumes (are there other ways to develop volume formulas without using calculus?)
- Math for teachers: Spatial thinking
- Non-Euclidean geometries
- Geometry of music
- Trigonometry: Which comes first, the triangle or the circle?

Non-geometry presentations welcome as well.

Possible panel discussions

1) Geometry in the college classroom.

- Proofs - standard two-column or paragraph proofs?
- Constructions?
- On-line Geometry
- MyMathLab for Geometry: is anyone using it?

2) maybe bring in experts from other fields, such architecture, art, engineering, and surveying

Questions for the CMC³ Board:

1. What do you think of the theme? Is this too narrow?
2. How much will the event cost participants?
3. What is the budget for the event?
4. What should be the deadline for presenter applications?