

CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Friday, February 8
2:00 – 3:00 PM
Maria Sanford, Room 101

VISUALIZING THE SHAPES IN YOUR HANDS

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Abstract: In 1582 John Dee wrote the appendix to the first English language translation of Euclid's Elements and included pop-up visuals for the text. Late in the 1990's Jean Pederson and Peter Hilton needed a briefcase friendly cuboctahedron that could travel to their lectures on extensions to Pascal's triangle. We examine the different strategies used to create unfolding polyhedra and explore the tools of Geometer's Sketchpad necessary to create them.

This hands-on lecture will be accessible to a wide audience. In particular, all recipients of the CSMP scholarship are urged to attend.

For further information:

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<http://www.math.ccsu.edu/gotchev/colloquium/>