CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Friday, September 28
2:00 – 3:00 PM
Maria Sanford, Room 101

FROM THE PLATONIC SOLIDS TO UNIFORM POLYTOPES TO BOY'S SURFACE

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Abstract

Uniform polyhedra and their tessellations are spectacular realizations of the finite spherical symmetries. We take a tour of these and other generalizations of the Platonic and Archimedian solids. We finish by describing what one of these can tell us about smooth immersions of the projective plane in 3-dimensional space. Some paper models and some of Louise's hands-on fabric models will be available for examination.

For further information:
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