



Florida Gulf Coast University Department of Mathematics

MATHEMATICS SEMINAR

Friday, November 22, 2019
2:30-3:20 pm

Seidler Hall
Room 220

Non-Euclidean geometry for
babies (and grown-ups)



Faculty Speaker: Dr. Brian Johnson

It is well known that a unique circle can be circumscribed around any triangle in Euclidean geometry. The construction relies on a point called the circumcenter. While this same construction is not always possible in hyperbolic geometry, we'll see that using the familiar Intermediate Value Theorem, we can show a (hyperbolic) triangle can be circumscribed by an ellipse.

This is joint work with Dr. Lorna Wenzel.

LIGHT REFRESHMENTS WILL BE PROVIDED



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