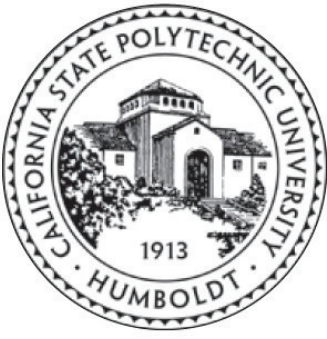




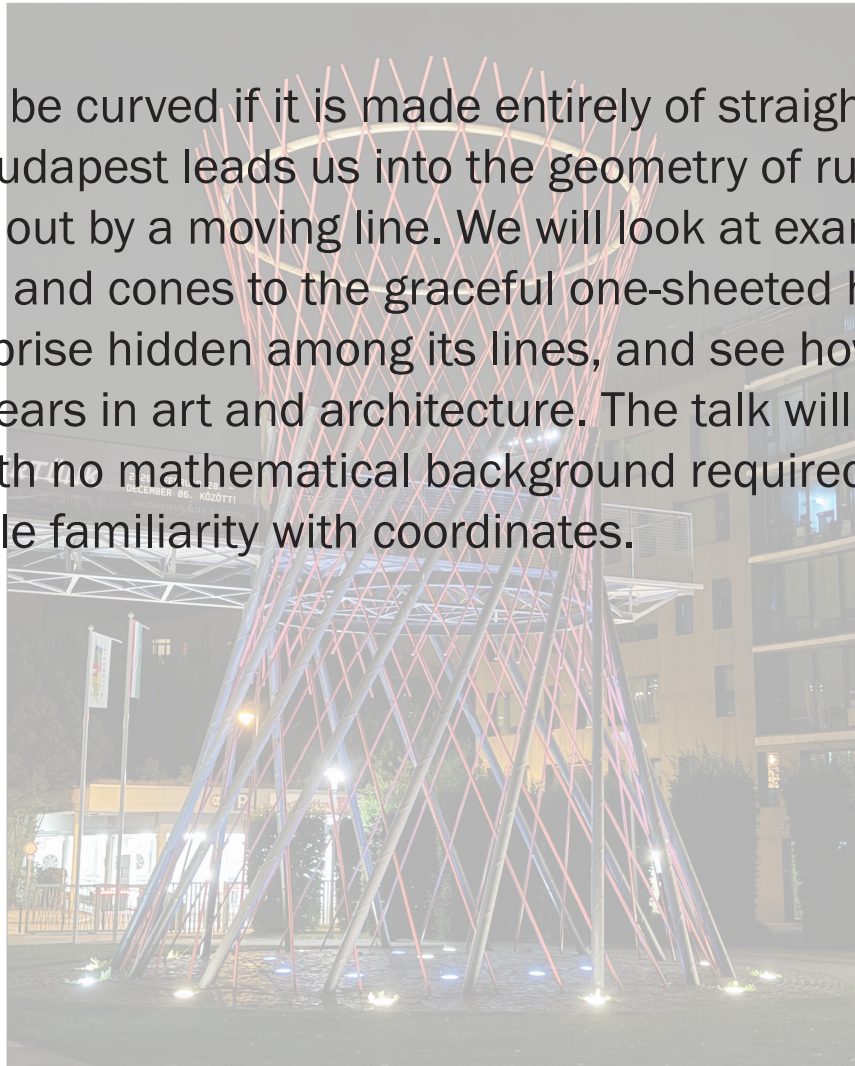
DEPARTMENT OF MATHEMATICS & DATA SCIENCE
Fall 2026 MATH & DATA SCIENCE Colloquium Series

Straight Lines, Curved Surfaces

Dr. Tyler Evans

**Department of Mathematics & Data Science
Cal Poly Humboldt**

Can a surface be curved if it is made entirely of straight lines? A sculpture in Budapest leads us into the geometry of ruled surfaces: shapes swept out by a moving line. We will look at examples ranging from cylinders and cones to the graceful one-sheeted hyperboloid, uncover a surprise hidden among its lines, and see how the same geometry appears in art and architecture. The talk will be visual and accessible, with no mathematical background required beyond curiosity and a little familiarity with coordinates.



THURSDAY
Oct. 15, 2026

4:00 PM
BSS 302

FOR MORE INFO GO TO <https://math.humboldt.edu/get-involved/mathematics-colloquium>

**We cordially invite you to the PRE-COLLOQUIUM TEA in BSS#312
at 3:30 PM**