



Department of Mathematics

Spring 2023

Colloquium Series

# Mathematical Trinities

# Mystery & Beauty of Mathematics

With Dr. Andrew Conner

St. Mary's College of California, Dept. of Math & Computer Science

Everyone knows that mathematics is useful for solving problems, but it is also a subject of considerable mystery and beauty. These qualities are revealed when connections are discovered between apparently unrelated ideas.

The mathematician V. I. Arnold proposed the idea of "mathematical trinitities" to highlight certain triples that arise in mathematics, the most fundamental being that of the real, complex, and quaternionic number systems. Arnold believed these trinitities to be evidence of deep mathematical truths. In this talk we will explore a few of Arnold's trinitities and the ways in which they are connected.

Thursday, February 2nd

4:00 - 4:50 pm

BSS 166

FOR MORE INFO GO TO  
[HTTPS://MATH.HUMBOLDT.EDU/GET-INVOLVED/MATHEMATICS-COLLOQUIUM](https://math.humboldt.edu/get-involved/mathematics-colloquium)

WE CORDIALLY INVITE YOU TO THE PRE-COLLOQUIUM TEA IN

BSS 312 AT 3:30 PM