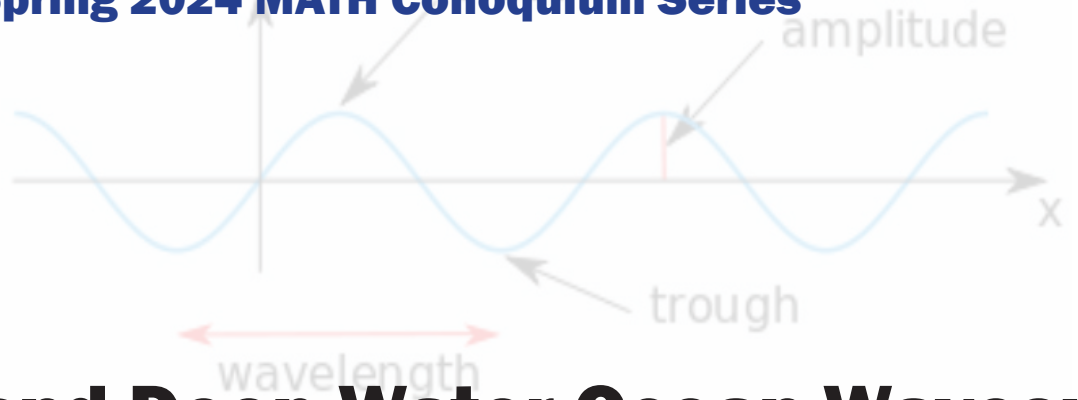


DEPARTMENT OF MATHEMATICS
Spring 2024 MATH Colloquium Series



Shallow- and Deep-Water Ocean Waves: Deconstructing the Dispersion Relation

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Cal Poly Humboldt

Ocean surface waves propagate across the ocean, but not all waves are alike. Some are small little ripples, and some are large and bodacious. Some are fast and quick, some are slow rollers. What determines how a wave moves? The dispersion relation relates the frequency, wavelength and speed of an ocean wave, but this equation can be pretty daunting. To understand how waves travel, we'll break down this equation and see how math can help us catch some waves. Surf's up!

Feb. 29, 2024
THURSDAY

4:00 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