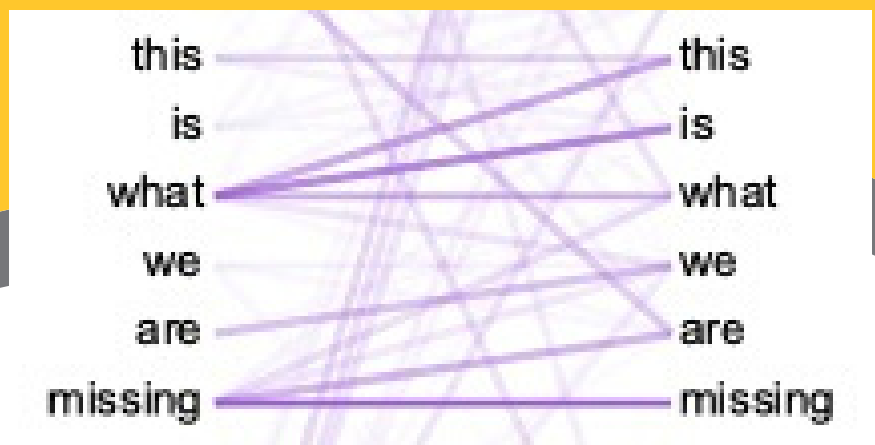




DEPARTMENT OF MATHEMATICS

FALL 2022

COLLOQUIUM SERIES



W, H, A, T, S, _, N, E, X, ...

WITH PETER OVERHOLSER

Sequences are very natural data structures. When someone hands you a sequence, it's impossible to resist asking "what's next?" I'll explore elementary approaches to answering this question in a variety of scenarios, outline the basics of deep learning, and describe a novel application of the influential "transformer" neural network architecture.

THURSDAY, SEPTEMBER 8, 2022 | 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 ON THE THIRD FLOOR
OF BSS AT 3:30 PM**