

MATH ENCOUNTERS



from CAESAR *to* CYBER: *a JOURNEY through* CRYPTOGRAPHY

Speaker: Jim Kraft

Wednesday, November 5, 2025

Special introduction by **Leon Tatevossian**,
Adjunct Professor (Quantitative Finance),
NYU; Lecturer (Quantitative Finance),
Columbia University.

Afternoon Presentation

4:00 pm ET (New York)

Evening Presentation

7:00 pm ET (New York)

National Museum of Mathematics
225 Fifth Avenue
New York, NY

How does “Attack at dawn” become “Buubdl bu ebxo”? From Caesar’s shift cipher to the algorithms guarding your bank logins, codes span the trivial to the nearly unbreakable. Mathematician Jim Kraft charts that journey, echoing Bruce Schneier’s line that there are “two kinds of cryptography in this world: cryptography that will stop your younger siblings from reading your files, and cryptography that will stop major governments from reading your files.” Come see where history’s favorite secrets land on that spectrum, and why true secrecy is never simple.

Register now at mathencounters.org to reserve your place!

MATH ENCOUNTERS

*A public presentation series celebrating
the spectacular world of mathematics*