The mathematical key to unlocking the mysteries of cryptography

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In this talk, we discuss some applications of number theory to cryptography, the art of securely sending messages. We will give some motivation from recent questions and cutting-edge real-world applications to hard mathematical problems and then return to the beginnings of cryptography and the role that number theory has played. We will discuss historical methods used by the Roman army as well as the foundations of public and private key encryption. The talk is aimed at a general audience and should be accessible without any background in number theory.

Date: Wednesday Nov. 14th
Time & Place: 2:00-2:50 pm, COLH 446

All Are Welcome! Refreshments Will Be Served!