

6th Cryptography Treasure Hunt an introduction to number theory based cryptography

Numbers 4 Safety

12 August 2024, County Library, Targoviste, Dambovita, Romania



This summer, Numbers 4 Safety succeeded in organizing the 6th edition of the *Cryptography Treasure Hunt - an introduction to number theory based cryptography* in Romania!

The event took place on a hot summer day of August 12, 2024 in the County Library “Ion Heliade Radulescu” of the historical city Targoviste in Romania’s Dambovita County. It was organized by Bogdan Jones and Darius Jones, with the support of local organizer Nana Chiose.

Engaging with the local youth in Targoviste was easier than expected. Not only could Bogdan and Darius speak Romanian, but also the Romanian participants could communicate in English. In addition, everybody had a strong mathematical background and was eager to use it to learn about cryptography.

Bringing the 6th edition of our *Cryptography Treasure Hunt* to Romania was a dream-come-true. Romania has a long-standing tradition of mathematics, thanks to which many students are introduced to proof based mathematics early in their education. Their proof skills left no cipher undefeated!



Understanding modular arithmetic is the key!



A glimpse into the 6th Cryptography Treasure Hunt