

1st Cryptography Treasure Hunt an introduction to number theory based cryptography

Numbers 4 Safety

2 August 2023, University of Cauca, Popayán, Colombia



This summer, Numbers 4 Safety had the privilege of inaugurating its flagship event, the *Cryptography Treasure Hunt - an introduction to number theory based cryptography*, at the University of Cauca in Popayán, Colombia.

After countless hours of preparation, the event took place on August 2, 2023, in the facilities of the Department of Mathematics of the University of Cauca. It was organized by Bogdan Jones, Darius Jones, and Manuela Trujilio, with the enthusiastic support of Professors Jhon J. Bravo (Popayán, Colombia) and Valerio Talamanca (Rome, Italy).

Given the location of the event, most of the participants only spoke Spanish. As such, Bogdan, Darius, and Manuela prepared all the materials in Spanish. They also built a computer application in Spanish to help the participants decrypt some of the ciphers.

The event was a huge success. Even the local television was present to capture, on video, the excitement of the participants looking for encrypted clues and teaming up to decrypt them. May this be the first of many editions of the *Cryptography Treasure Hunt*!



Looking for strategies to decrypt the ciphers



Laureates of the 1st Cryptography Treasure Hunt