



November 22-24, 2023
Ternopil, UKRAINE
Opole, POLAND

<https://ittap.tntu.edu.ua/>

INFORMATION TECHNOLOGIES: THEORETICAL AND APPLIED PROBLEMS (ITTAP-2023)

The 3rd International Workshop

WORKSHOP PARTICIPANT CERTIFICATE

Oleksii Smirnov

Evaluating Hashing Algorithms in the Age of ASIC
Resistance

GENERAL CHAIR:

Prof. Iaroslav Lytvynenko

A handwritten signature in black ink, appearing to read "Iaroslav Lytvynenko", with a stylized flourish below the name.

Prof. Serhii Lupenko

A handwritten signature in blue ink, appearing to read "Serhii Lupenko", with a stylized flourish below the name.



Total number of hours of participation:
15 academic hours
(0.5 ECTS credits)