

LISTA PUBLICAȚIILOR REZULTATE ÎN URMA CERCETĂRII ȘTIINȚIFICE DIN PROGRAMUL DE STUDII DOCTORALE

Nume: Hristea

Prenume: Nicolae Cristian

1. Lucrări publicate:

- în reviste cotate ISI (Web of Science cu factor de impact):

(1) Țiplea, Ferucio Laurențiu, and Cristian Hristea. "PUF protected variables: A solution to RFID security and privacy under corruption with temporary state disclosure." *IEEE Transactions on Information Forensics and Security* 16 (2020): 999-1013.

(2) Hristea, Cristian, and Ferucio Laurențiu Țiplea. "Privacy of stateful RFID systems with constant tag identifiers." *IEEE Transactions on Information Forensics and Security* 15 (2019): 1920-1934.

- în reviste indexate ISI (Web of Science):

(1) Țiplea, Ferucio Laurențiu, Cristian Hristea, and Rodica Bulai. "Privacy and reader-first authentication in Vaudenay's RFID model with temporary state disclosure." *Computer Science Journal of Moldova* 90.3 (2022): 335-359.

- în volume ale conferințelor (ISI Web of Knowledge):

(1) Țiplea, Ferucio Laurentiu, and Cristian Hristea. "Practically Efficient RFID Scheme with Constant-time Identification." *SECRYPT*. 2021.

- altele:

(1) Hristea, Cristian, and Ferucio Laurențiu Țiplea. "Destructive privacy and mutual authentication in Vaudenay's RFID model." *International Workshop Soft Computing Applications*. Cham: Springer International Publishing, 2020.



(2) Hristea, Cristian, and Ferucio Laurențiu Țiplea. "A PUF-based destructive private mutual authentication RFID protocol." *Innovative Security Solutions for Information Technology and Communications: 11th International Conference, SecITC 2018, Bucharest, Romania, November 8–9, 2018, Revised Selected Papers 11*. Springer International Publishing, 2019.

(3) Țiplea, Ferucio Laurențiu, Cristian Hristea, and Rodica Bulai. "Privacy and mutual authentication under temporary state disclosure in RFID Systems." *Electronics, Communications and Computing*. 2023.

(4) Hristea, Cristian. "Reliable RFID Offline Privacy." *Innovative Security Solutions for Information Technology and Communications: 13th International Conference, SecITC 2020, Bucharest, Romania, November 19–20, 2020, Revised Selected Papers 13*. Springer International Publishing, 2021.

2. *Lucrări publicate în reviste CNCSIS (cu specificarea categoriei CNCSIS)*

3. *Lucrări publicate în reviste indexate BDI*

4. *Capitole de carte*

(1) Țiplea, Ferucio Laurențiu, Cristian Andriesei, and Cristian Hristea. "Security and privacy of PUF-based RFID systems." *Cryptography-Recent Advances and Future Developments*. IntechOpen, 2020.

5. *Brevete*

6. *Comunicări la conferințe naționale sau internaționale*

7. *Alte mențiuni*

Semnătură,



Aviz,

Conducător de doctorat

Prof. Dr. Ferucio-Laurențiu Țiplea

