

**MEMORIU ȘTIINȚIFIC**  
**Drd. POPA (BEJAN) Cristina-Elena**

**Studii de doctorat**

Perioada: Octombrie 2018 - Decembrie 2025

Conducător științific: Prof.dr.ing. Daniela Colțuc

Domeniu: Inginerie Electronică, Telecomunicații și Tehnologii Informaționale

Titlul tezei de doctorat: "Contribuții la marcarea imaginilor obținute prin eșantionare compresivă (Contributions to the watermarking of images sensed by compressive sampling)"

**Activitate științifică**

**A. Lista de lucrări științifice (articole în reviste sau volume)**

1. C. Popa, C. Damian and D. Colțuc, "Joint Data Hiding and Partial Encryption of Compressive Sensed Streams", Information Journal, MDPI, 16.7 (2025): 513.
2. C. Popa, D. Colțuc and C. Damian, "On the Watermarking of Image Compressed Samples," 2019 International Symposium on Signals, Circuits and Systems (ISSCS), Iasi, Romania, 2019
3. C. Popa and D. Colțuc, "Compressive sensing based watermarking as a security layer for computational imaging applications," 2020 International Symposium on Electronics and Telecommunications (ISETC), Timisoara, Romania, 2020
4. C. Popa and D. Colțuc, "Multi-bit watermark insertion for single pixel camera measurements," 2021 International Symposium on Signals, Circuits and Systems (ISSCS), Iasi, Romania, 2021
5. C. Popa, C. Damian and D. Colțuc and C. Damian, "Partial Encryption with Data Hiding Performed On-the-fly on Compressed Sensed Measurements," 2025 17th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Targoviste, Romania, 2025

**B. Participări la conferințe/workshop-uri**

1. 2019 International Symposium on Signals, Circuits and Systems (ISSCS), Iasi, Romania, 2019
2. 2020 International Symposium on Electronics and Telecommunications (ISETC), Timisoara, Romania, 2020
3. 2021 International Symposium on Signals, Circuits and Systems (ISSCS), Iasi, Romania, 2021
4. 2025 17th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Targoviste, Romania, 2025

Student-doctorand

