

Списък на изнесени доклади

на

Мария Руменова Пашинска-Гаджева

по дисертационния труд на тема

"Оптимизация и паралелизация на алгоритми, свързани с теория на кодирането"

Резултатите, представени в дисертацията, са докладвани на следните научни мероприятия:

- [D1] Pashinska, M., Bouyukliev, I.; Using AVX instructions for optimization of linear binary code weighting algorithms; 3rd National Scientific Conference with International Participation "Innovative STEM Education"; Veliko Tarnovo, Bulgaria, 25.04.2021 - 27.04.2021
- [D2] Pashinska-Gadzheva, M., Bouyukliev, I.; SSE 4.1 optimizations for algorithm for calculating the Weight Spectrum of linear codes, National Coding Theory workshop "Professor Stefan Dodunekov"; Zlatograd, Bulgaria; 04.11.2021 - 07.11.2021
- [D3] Pashinska-Gadzheva, M.; Build systems for generating independent software; Fourth International Conference "Innovative STEM Education"; Veliko Tarnovo, Bulgaria; 16.03.2022 - 19.03.2022
- [D4] Pashinska-Gadzheva, M.; Comparison of compiler efficiency with SSE and AVX instructions; International Conference Automatics and Informatics (ICAI) 2022; Varna, Bulgaria; 06.10.2022 - 08.10.2022
- [D5] Pashinska-Gadzheva, M., Bouyukliev, I., Bouyuklieva, S.; Two-weight codes and Grey-Rankin bound, National Coding Theory workshop "Professor Stefan Dodunekov"; Arbanasi, Bulgaria; 09.11.2022 - 13.11.2022
- [D6] Pashinska-Gadzheva, M.; Optimization and Parallelization of Algorithms Connected to Coding Theory, 4-th Interdisciplinary PhD Forum with International Participation; Sandanski, Bulgaria; 16.05.2023 - 19.05.2023

- [D7] Pashinska-Gadzheva, M., Bouyukliev, I.; About methods of vector addition over finite fields using extended vector register; 14th International Conference on Large-Scale Scientific Computations; Sozopol, Bulgaria; 05.06.2023 - 09.06.2023
- [D8] Pashinska-Gadzheva, M., Bouyukliev, I.; Library for Computing Weight Invariants of Linear Codes Using Vectorization; HPC for Mathematics and Applications, Sofia, Bulgaria; 28.06.2023 - 28.06.2023
- [D9] Pashinska-Gadzheva, M., Bouyukliev, I.; About Weight Invariants of Linear Codes and Vectorization with SSE and AVX Instruction Sets, Cryptography and Coding Theory; Perugia, Italy; 21.09.2023 - 22.09.2023