

## Lista lucrărilor științifice

1. **C. Davidaș**, O. Pop, "Method for Detecting Resonance Frequency in Induction Heating Systems", 2019 IEEE 25<sup>th</sup> International Symposium for Design and Technology in Electronic Packaging (SIITME), Cluj-Napoca, Romania, ISSN: 2642-7036, DOI: 10.1109/SIITME47687.2019.8990840, WOS:000564733700062.
2. E. Ștețco, **C. Davidaș**, T. Petrișor Jr., M. Gabor and O. Pop, "Design and Characterization of a Micrometric Magnetoresistive Sensor", 2019 IEEE 25<sup>th</sup> International Symposium for Design and Technology in Electronic Packaging (SIITME), Cluj-Napoca, Romania, ISSN: 2642-7036, DOI: 10.1109/SIITME47687.2019.8990875, WOS:000564733700009.
3. E. Ștețco, **A. C. Davidaș**, M. Năsui, O. Pop, M. S. Gabor, T. Petrișor Jr., "Hybrid superconducting-magnetoresistive sensor for low magnetic field detection", 2019 14<sup>th</sup> European Conference on Applied Superconductivity (EUCAS), Glasgow, Scotland – invited poster
4. **A. C. Davidaș**, O. Pop, A. Grama, E. M. Stetco and T. Petrișor Jr., "Testing of the Noise Measurement System for GMR Sensors", 2021 IEEE 27<sup>th</sup> International Symposium for Design and Technology in Electronic Packaging (SIITME), Timisoara, Romania, ISSN: 2642-7036, DOI: 10.1109/SIITME53254.2021.9663420, WOS:000786441900010.
5. **A. C. Davidaș**, O. A. Pop, A. Grama and T. Petrișor Jr., "PSpice Model for a Graphene Hall Sensor", 2022 9<sup>th</sup> Electronics System-Integration Technology Conference (ESTC), Sibiu, Romania, ISBN: 978-1-6654-8947-8, DOI: 10.1109/ESTC55720.2022.9939518