MEMORIU ȘTIINȚIFIC

Student-doctorand: Adrian Florian Georgescu

Studii de doctorat

Perioada: 2021-2026

Conducător științific: Prof. dr. ing. Mihai Iordache

Domeniu: INGINERIE ELECTRICĂ

Titlul tezei de doctorat: Contribuții privind îmbunătățirea performanțelor în reducerea riscului de accidente în instalațiile electrice de joasă tensiune

Activitate științifică

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

1. Adrian-Florian Georgescu, Dragos Niculae, Mihai Iordache, Marilena Stănculescu, Ana-Maria Bumbeneci, Lavinia Bobaru, Georgiana Zainea, Mihai Rotaru, „Automatic Procedure and the Use of the Smith Chart in Impedance Matching in Analog Circuits", Electronics, Vol. 14, 2746, 2025;
2. Mihai Rotaru, Adrian Georgescu, Dragoș Niculae, Georgiana Zainea, Mihai Iordache, Steliana Pușcașu, „Conversions Among Z, Y, H, F, T, and S Parameters, Which are Highly Beneficial for the Analysis of Two-Port Circuits and Filters", Electronics, Vol. 15, 255, 2026;
3. Adrian Georgescu, Mihai Iordache, Dragoș Niculae, Lavinia Bobaru, Georgiana Rezmeriță, Mihai Rotaru, Ana-Maria Tudor, „Generation of Two–Port Circuit and Filter Parameters", Proceeding of the 14th International Symposium Advanced Topics in Electrical Engineering – ATEE'25, 2025;
4. Mihai Rotaru, Adrian-Florian Georgescu, Mihai Iordache, Dragoș Niculae, Steliana Pușcașu, Georgiana Zainea, „Analysis of the Asyncronous Motor in Steady-State Regime When Taking into Consideration the Magnetization Characteristic and the Variation of the Rotor Resistance with Slip", Revista Electric Machines, Materials, and Drives (APME), Ediția XXI, 2025.
5. Mihai Iordache, Marilena Stanculescu, Lavinia Bobaru, Dragoş Niculae, Sorin Deleanu, Adrian Georgescu, Mihai Rotaru, Anton Anastasie Moscu, "Using the SSEMGP – SEMI - STATE Equation Matrix Generation Program for Transfer Function Generation in Analog Circuits with Single Input – Single Output and Multiple Inputs - Multiple Outputs", Published in: 2025 International Conference on Electromechanical and Energy Systems (SIELMEN), Date of Conference:16-18 October 2025, Date Added to IEEE Xplore: 03 December 2025

B. Participări la conferințe/workshop-uri

1. 10th International Conference on Modern Power Systems (MPS), București, 2023;
2. 16th International Conference on Applied and Theoretical Electricity (ICATE), Craiova, 2024;
3. 14th International Symposium Advanced Topics in Electrical Engineering (ATEE'25), București, 2025;
4. International Conference on Electromechanical and Energy Systems (SIELMEN), Iași, 2025;
5. Conferinta INNOMINCU 2022: Zilele cercetarii: Studii de caz cu privire la reducerea riscurilor la clădirile unităților spitalicești.
6. Workshop tematic – Tendinte noi in procesarea materialelor metalice – Aditia a VI-a Bucuresti , 29-30 Mai 2025;
7. 10th International Conference on materials Science and tehnologies Bucharest, November 14th-15th, 2024.

Conducător de doctorat, ...

Student-doctorand, ...